Service Manual

ViewSonic VP201b/s-1

Model No. VLCDS26064-2W/-4W

20" Color TFT LCD Display

(VP201b/s-1_SM_685 Rev. 1d May. 2005)

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Revision History

Revision	SM Editing Date	ECR Number	Description of Changes	Editor
1a	08/28/03		Initial Release	F. Fan
1b	25/03/04		Panel Change LG U04 Panel 16ms DCN-3773	A. Lu
1c	03/09/05	4923	Scalar Change to GM1601	A. Lu
1d	05/19/05	5321	Panel change form: LG U04 Panel 16ms to AUO M201UN02 V3 16ms	A. Lu

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1. Precautions and Safety Notices

1. Appropriate Operation

(1) Turn off the product before cleaning.
(2) Use only a dry soft cloth when cleaning the LCD panel surface.
(3) Use a soft cloth soaked with mild detergent to clean the display housing.
(4) Use only a high quality, safety approved AC/DC power cord.
(5) Disconnect the power plug from the AC outlet if the product will not be used for a long period of time.
(6) If smoke, abnormal noise, or strange odor is present, immediately switch the LCD display off.
(7) Do not touch the LCD panel surface with sharp or hard objects.
(8) Do not place heavy objects on the LCD display, video cable, or power cord.
(9) Do not use abrasive cleaners, waxes or solvents for your cleaning.
(10) Do not operate the product under the following conditions:
- Extremely hot, cold or humid environment.
- Areas containing excessive dust and dirt.
- Near any appliance generating a strong magnetic field.
- In direct sunlight.

2. Caution

No modification of any circuit should be attempted. Service work should only be performed after you are thoroughly familiar with all of the following safety checks and servicing guidelines.

3. Safety Check

Care should be taken while servicing this LCD display. Because of the high voltage used in the inverter circuit, the voltage is exposed in such areas as the associated transformer circuits.

4. LCD Module Handling Precautions

4.1 Handling Precautions

(1) Since front polarizer is easily damaged, pay attention not to scratch it.
(2) Be sure to turn off power supply when connecting or disconnecting input connector.
(3) Wipe off water drops immediately. Long contact with water may cause discoloration or spots.
(4) When the panel surface is soiled, wipe it with absorbent cotton or other soft cloth.
(5) Since the panel is made of glass, it may break or crack if dropped or bumped on hard surface.
(6) Since CMOS LSI is used in this module, take care of static electricity and ensure human earth when handling.
(7) Do not open or modify the Module Assembly.
(8) Do not press the reflector sheet at the back of the module in any direction.
(9) In the event that a Module must be put back into the packing container slot after it was taken out of the container, do not press the center of the CCFL Reflector edge. Instead, press at the far ends of the CFL Reflector edge softly. Otherwise the TFT Module may be damaged.
(10) At the insertion or removal of the Signal Interface Connector, be sure not to rotate or tilt the Interface Connector of the TFT Module.

(11) After installation of the TFT Module into an enclosure (LCD monitor housing, for example), do not twist or bend the TFT Module even momentarily. When designing the enclosure, it should be taken into consideration that no bending/twisting forces may be applied to the TFT Module from outside. Otherwise the TFT Module may be damaged.

(12) The cold cathode fluorescent lamp in the LCD contains a small amount of mercury. Please follow local ordinances or regulations for disposal.

(13) The LCD module contains a small amount of materials having no flammability grade. The LCD module should be supplied with power that complies with the requirements of Limited Power Source (IEC60950 or UL1950), or an exemption should be applied for.

(14) The LCD module is designed so that the CCFL in it is supplied by a Limited Current Circuit (IEC60950 or UL1950). Do not connect the CCFL to a Hazardous Voltage Circuit.

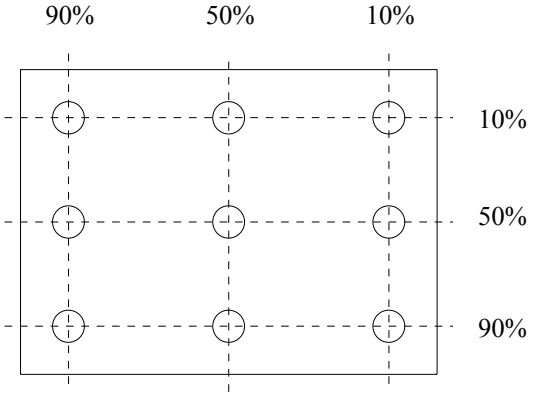
2. Specification

A. General specification:

1. General specification:		
LCD panel suppliers:	AUO: M201UN02 V.3	
LCD panel specification:	a. Panel size:	20.1-inch (viewable).
	b. Driver element:	a - Si TFT active matrix.
	c. Effective display area:	408.0 (H) X 306.0 (V) mm.
	d. Pixel pitch:	0.255 (H) X 0.255 (V) mm.
	e. Max. resolution:	UXGA (1600X1280 pixel).
	f. Display color:	16.7M colors (R, G, B 8-bit data).
	g. Response time:	LG: 16 ms. (Typical) AUO: 16 ms (Typical)
	h. Color filter arrangement:	R/G/B vertical stripe.
	i. Black light:	Edge – light type with 6CCFLs.
	j. Contrast ratio:	LG: 400:1 AUO: 700:1
	k. Luminance:	250cd/m^2 (Typical).
	l. Luminance variation:	1.54 (MAX.). (Note.1)
	m. Viewing angle (CR >10):	Horizontal: 170°, Vertical: 170°.
Input signals:	a. Analog R / G / B (0.7Vp-p/75 ohm) Positive. b. Digital R /G / B DVI rev. 1.0 (TMDS single link) c. H & V separate Sync: TTL level; Polarity: Positive or Negative. d. H & V composite Sync: TTL level; Polarity: Positive or Negative. e. SOG (Sync level 0.3Vp-p).	
Input connector:	a. Analog D-sub 15pin x 1. b. Digital DVI-I 29 pin x 1. (Analog + Digital) c. USB up stream x1.(VP201s/b only)	
Output connector:	a. USB down stream x 4.(VP201s/b only)	
Display data channel:	DDC2B.	
Signal frequency range:	a. Horizontal: a-1. Analog: 30KHz ~ 92KHz. a-2. Digital: 30KHz ~ 92KHz. b. Vertical: 50Hz ~ 85*[1]Hz. ***Note:** When the resolution is set to 1600x1200, the maximum vertical refresh rate is: Analog input: 60 Hz. Digital input: 60 Hz. c. Pixel clock: c-1. Analog: 165MHz. c-2. Digital: 165MHz. d. Non-interlaced.	
Resolution:	1600x1200. (UXGA)	
Power supply:	AC Input Range:	AC 90 to 264V, 50/60Hz ± 3Hz, 1.5A.
Inrush current	Less then 50Ap.	For $115V_{AC}$.
	Less then 100Ap.	For $230V_{AC}$.
Power Consumption:	Less then 73W.	On mode.
	Less then 4W.	Active off mode.
	Less then 2W.	DC power off.

2. Physical specification:		
Overall dimension:	a. Height:	480.55mm.
	b. Width:	448.00mm.
	c. Depth:	266.65mm.
Weight:	a. Net weight:	8.5kg.
	b. Gross weight:	11.2kg.
Mechanical adjustment:	a. Tilt:	+25° ~ -5°.
	b. Swivel:	± 45°.
	c. Height adjust:	110mm.
	d. Pivot:	90°.
Packaging:	a. Carton dimension:	a. Height: 494mm.
		b. Width: 345mm.
		c. Depth: 560mm.
Accessories:	Power cable 1.8m. User guide (English). CD ROM. Warranty card. HD15 - HD15 cable. DVI (D) – DVI (D) cable.	
3. Regulatory & Standard certification.		
Regulatory standards	UL, cUL, FCC-B, CB, CE, ENERGY, NOM, TUV/GS, TUV ERGO (covers ISO13406-2 & MPRII), TCO'03(for VP201s/VP2000s), TCO99 (for VP201b), NEMKO, SEMKO, DEMKO, FIMKO, GOST-R + 20 ORIGINAL COPIES HYGIENIC, (SASO), PCBC, VCCI, BSMI, CCC, (PSB), (C-TICK), TUV-S	

Note.1: Luminance variation:



$$BU = \frac{\text{MAX. Luminance in 9 point (1 ~ 9)}}{\text{MIN. Luminance in 9 point (1 ~ 9)}} < 1.54$$

FIG.1 Luminance test points

B. OSD Menu Functions

1. Interface board function test.
   1.1 Function keys: Power, 1, ▲, ▼, 2.
   1.2 Basic function check.
      1.2.1 Input 1600x1200 / 60Hz, cross-hatch reverse pattern.
      1.2.2 Push "1" & "2" key, select Auto image adjust, Contrast, Brightness, Input select, Color, Manual image adjust, Setup menu, Memory recall function.
      1.2.3 Push "▲" or "▼" key check Contrast, Brightness, Input select, Color, H/V position, H size, Fine tune, Sharpness, Scaling Language Select, OSD Position OSD Timeout, OSD Background functions.
      1.2.4 Push "2" to cycle among Analog / DVI-A / DVI-D signals.
      1.2.5 When the OSD is not active, the "▲" and "▼" buttons increase/decrease Contrast or Brightness.
2. Interface power test.
   2.1 The test point:
      2.1.1 TP251 = NA.
      2.1.2 TP252 = 5V ± 5%.
      2.1.3 TP253 = 18V ± 5%.
3. OSD function.

Auto Image Adjust[2]
Contrast/Brightness: Contrast, Brightness.
Input Select: D-Sub, DVI-A, DVI-D.
Color Adjust: SRBG, 9300K, 6500K (default), 5400K, 5000K, User Color (R, G, B).
Information: Resolution, Horizontal Frequency, Vertical Frequency, Model Number, Serial Number, Web Site.
Manual Image Adjust: H. / V. Position[2] (H. Position, V. Position), H. Size[2], Fine Tune[2], Scaling[3] (Fill Screen, Fill Aspect Ratio[4], 1:1).
Setup Menu:
Language:
English, French, German, Spanish, Italian, Finnish, Japanese, Traditional Chinese, Simplified Chinese.
Resolution Notice: Enable, Disable.
Input Priority: D-Sub, DVI-A, DVI-D, Auto Search.
OSD Position: H. Position, V. Position.
OSD Timeout: 5SEC, 15SEC, 30SEC, 60SEC
OSD Background: On, Off.
Memory Recall

Notes:

[2] These functions are not available in Digital mode; the item is faded out and can't be selected. When auto tuning, the image should not go blank.

[3] These functions are not available in 1600x1200 mode; the item is faded out and can't be selected.

[4] When the input signal's aspect ratio is 4:3, the "Fill Aspect ratio" function yields the same result as "Fill Screen".

C. Image Calibration

1. Video alignment.

   Initial Settings

   1.1 Set contrast to 70% and brightness to 100%.

   1.2 Input a 640x480 / 60Hz, 5-block (5-MOSAIC) pattern (input level 100IRE 0.7Vp-p), then activate the White Balance function.

   Set SRBG/9300K / 6500K / 5400K / 5000K, R G B Gain as shown below:

	sRGB		9300K		6500K		5400K		5000K	
	Analog	DVI	Analog	DVI	Analog	DVI	Analog	DVI	Analog	DVI
R Gain	255	255	255	255	255	255	255	255	255	255
G Gain	255	255	255	255	255	255	255	255	255	255
B Gain	255	255	255	255	255	255	255	255	255	255

2. 9300K alignment:
   1.2.1 Input 1600x1200 / 60Hz & full white pattern at 100IRE.
   1.2.2 Adjust R, G, and B Gain to meet following chromaticity spec:
   9300K → x = 0.283 ± 0.005, y = 0.298 ± 0.005, Y > 150cd/m^2 (Both analog & DVI).
3. 6500K alignment:
   1.3.1 Input 1600x1200 / 60Hz & full white pattern at 100IRE.
   1.3.2 Adjust R, G and B Gain to meet following chromaticity spec:
   6500°K → x = 0.313 ±0.005, y = 0.329 ± 0.005, Y > 200cd/m^2 (Both analog & DVI).
4. 5400K alignment:
   1.4.1 Input 1600x1200 / 60Hz & full white pattern at 100IRE.
   1.4.2 Adjust R, G, and B Gain to meet following chromaticity spec:
   5400K → x = 0.335 ± 0.005, y = 0.350 ± 0.005, Y > 180cd/m^2 (Both analog & DVI).
5. 5000K alignment:
   1.5.1 Input 1600x1200 / 60Hz & full white pattern at 100IRE.
   1.5.2 Adjust R, G and B Gain to meet following chromaticity spec:
6. sRGB alignment:
   1.6.1 Input 1600x1200 / 60Hz & full white pattern at 100IRE.
   1.6.2 Adjust R, G and B Gain to meet following chromaticity spec:
   sRGB → x = 0.313 ±0.005, y = 0.329 ± 0.005, Y > 200cd/m^2 (Both analog & DVI).
7. 64 grays and 16 grays pattern check:

   7.1 Input a 1600x1200 / 60Hz, 64 gray-level pattern at 100IRE, with brightness set to 100% and contrast set to 70%.

   7.2 Verify that under the 9300K / 6500K / 5400K / 5000K settings, no more than 2 of the 64 grays are saturated.

   7.3 Input a 1600x1200 / 60Hz, 16 gray-level pattern at 100IRE, with brightness set to 100% and contrast set to 100%.

   7.4 Verify that under the 9300K / 6500K / 5400K / 5000K settings, no more than 4 of the 16 grays are saturated.

D. Image test

1. Picture size & position.
   1.1 Picture size.
   Input analog timing modes 1 ~28 and DVI timing modes 1 ~ 28:
   H-size: 408mm ± 1mm.
   V-size: 306mm ± 1mm.
   (Extra 640x350)
   1.2 Screen center.
   a. 1600x1200: H ± 1mm, V ± 1mm.
   b. Other modes: H ± 1.5mm, V ± 1mm.
   1.3 Picture position (refer to FIG.2).
   H-position: | g3-g4 | ≦ 1.5mm.
   V-position: | g1-g2 | ≦ 1.5mm.

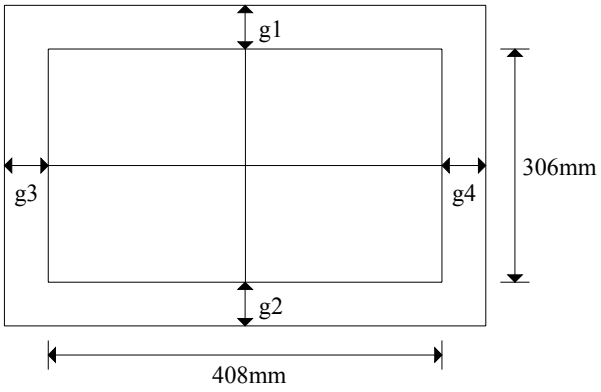


FIG. 2

2. Luminance test.
   2.1 Input a 1600x1200 / 60Hz full white pattern at 100IRE with brightness set to 100% and contrast set to 70%.

Color temperature	x	y	Y (Luminance)	
			Analog	DVI
sRGB	0.313 ± 0.01	0.329 ± 0.01	>200 nit	>200 nit
9300K	0.283 ± 0.01	0.298 ± 0.01	>150 nit	>150 nit
6500K	0.313 ± 0.01	0.329 ± 0.01	>200 nit	>200 nit
5400K	0.335 ± 0.01	0.350 ± 0.01	>180 nit	>180 nit
5000K	0.346 ± 0.01	0.359 ± 0.01	>180 nit	>180 nit

   2.2 Input a1600x1200 / 60Hz full white pattern at 100IRE with brightness set to 100% and contrast set to 100%.

Color temperature	Y (Luminance)	
	Analog	DVI
9300K	>220 nit	>220 nit
6500K	>220 nit	>220 nit
5400K	>220 nit	>220 nit
5000K	>220 nit	>220 nit

3. Picture performance test.
   3.1 Picture quality:

	Test pattern signal	The following image faults shall not be conspicuous:
1	100IRE white raster pattern	Seam, Noise, Beat, Flicker
2	Cross hatch pattern	Ringing, Overshoot, Smear, V-jitter, H-jitter
3	Color bar	Color distortion, Noise, Beat, Color tangent
4	Gray scale (16 steps)	Noise, Beat, Gamma distortion
5	1 dot ON / 1 dot OFF pattern	Noise, Flicker
6	40IRE gray raster	Noise, Beat, Gamma distortion

   3.2 DVI performance test.
   3.2.1 Test equipment:
   a. VG828 digital pattern generator.
   b. "TTL" DVI-D single link cable.
   3.2.2 Test conditions:
   a. Resolution: 1600x1200; refresh rate: 75KHz vertical / 60Hz horizontal.
   b. 16, 32, 64, and 256-level horizontal gray scales..
   c. 16, 32, 64, and 256-level vertical gray scales..

4. Shortcut keys and factory presets

4.1 Shortcut keys: Press the following keys to adjust settings directly, when the OSD is not active.

[**1**].	Main Menu.
[**2**].	Select next input. (Sequence: D-SUB → DVI-A → DVI-D)
[**UP**] or [**DOWN**] arrow.	Directly activate the Contrast menu. Switch to Brightness menu by pushing button [**2**].
[**UP**] + [**DOWN**] arrows.	Recall either Contrast or Brightness settings while the Contrast or Brightness adjustment OSD is active, or recall both Contrast and Brightness settings when the OSD is not active.
[**1**] + [**2**].	Toggle 720x400 and 640x400 mode when input 720x400 or 640x400 mode.
[**1**] + [**UP**] + [**DOWN**].	White Balance (press and hold for 5 seconds).
[**2**] + [**UP**] + [**DOWN**].	Video Mirror Function
[**1**] + [**DOWN**].	Power Lock / Power Unlock (press and hold for 10 seconds).
[**1**] + [**UP**].	OSD Lock / OSD Unlock (press and hold for 10 seconds).
DC-Power + [**2**] + [**UP**].	Copy EDID to E^2PROM.
DC-Power + [**1**].	Factory mode. (Burn in mode on)
DC-Power + [**2**] + [**DOWN**].	Burn in mode on.
DC-Power + [**UP**] + [**DOWN**].	Burn in mode off.
DC-Power + [**2**].	All mode recall.
AC-Power on.	Enter ISP mode.

4.2 All mode recall settings:

Contrast	70%.
Brightness	100%.
Color Temperature	6500K.
Scaling	Full Screen.
Input Priority	Auto Search.
OSD H. Position	50%.
OSD V. Position	50%.
OSD Time Out	15 Sec
OSD Background	On
Resolution Notice	Enabled
720x400/640x400	720x400
User color.	50%.
Language.	English.
Clear burn in mode.	
Clear user mode table.	

4.3 Factory shipment settings:

4.3.1 Main power switch: Off.

4.3.2 AC power button: Off.

4.3.3 Others settings same as “All mode recall” settings.

5. Power management tests.

5.1 Power consumption test table:

Monitor status	LED color	Video signal	Power consumption	Recover time
Normal / Unstable / Warning	Green	Active	<73W	
Power save	Amber	Blank	<4W	5sec
Aging	**Note**	NA	<73W	
DC power off	Off	NA	<2W	
AC power off	Off	NA	-	

See note: Amber (0.5sec) → Green (0.5sec) → Amber (0.5sec) → Green (0.5sec)… continuously.

6. DDC test.

6.1 DDC / EDID specification compliance requirement.

The data that is transmitted shall be stored in the monitor in non-volatile memory, which is a requirement of the VESA EDID version 3.0 standard.

6.2 IC954 EEPROM data see Appendix-B item a.6.3 For the EDID data see Appendix B. VP2000s analog & DVI-A are the same as item h. For the DVI-D input 1 see item i.

7. USB test (VP201s/b only)

7.1 Use a USB test hub such as "UPT2 USB2.0 8-port tester" to test USB up stream and down stream transfers. Each port must pass the test.

7.2 Use a PC to check the USB VID, which should be **0543**, and the PID, which should be **1169**.

7.3 For USB test settings see Appendix E.

8. For auto alignment, it is necessary to execute the auto image adjust command for 3 DOS modes (640x350, 720x400, 640x400).

E. Analog and Digital timing chart.

Mode No.		1	2	3	4	5	6	7	8	9	10
Mode Name		TEXT 640 x 350	VGA 640 x 400	VESA 640 x 480	VESA 640 x 480	MAC 640 x 480	VESA 640 x 480	VESA 640 x 480	VESA 640 x 480	TEXT 720 x 400	VESA 800 x 600
Horizontal Freq.		31.468	31.468	24.688	31.469	35.000	37.861	37.500	43.269	31.469	35.156
Video clock Freq.		25.175	25.175	19.75	25.175	30.240	31.500	31.500	36.000	28.322	36.000
Sync. Polarity		+	−	−	−	−	−	−	−	−	+
H. total	(Dots)	800	800	800	800	864	832	840	832	900	1024
H. sync.	(Dots)	96	96	64	96	64	40	64	56	108	72
H. back porch	(Dots)	48	48	80	48	96	128	120	80	54	128
H. active	(Dots)	640	640	640	640	640	640	640	640	720	800
H. front porch	(Dots)	16	16	16	16	64	24	16	56	18	24
Vertical Freq.	(Hz)	70.087	70.087	49.673	59.940	66.667	72.809	75.000	85.008	70.087	56.250
Sync. Polarity		−	+	+	−	−	−	−	−	+	+
V. total	(Lines)	449	449	497	525	525	520	500	509	449	625
V. sync.	(Lines)	2	2	4	2	3	3	3	3	2	2
V. back porch	(Lines)	60	35	10	33	39	28	16	25	35	22
V. active (Lines)		350	400	480	480	480	480	480	480	400	600
V. front porch	(Lines)	37	12	3	10	3	9	1	1	12	1

Mode No.		11	12	13	14	15	16	17	18	19	20
Mode Name		VESA 800 x 600	VESA 800 x 600	VESA 800 x 600	VESA 800 x 600	MAC 832 x 624	VESA 1024 x 768	VESA 1024 x 768	XGA 1024 x 768	VESA 1024 x 768	VESA 1024 x 768
Horizontal Freq.	(KHz)	37.879	48.077	46.875	53.674	49.727	48.363	56.476	58.099	60.023	68.677
Video clock Freq.		40.000	50.000	49.500	56.250	57.285	65.000	75.000	78.084	78.750	94.500
Sync. Polarity		+	+	+	+	−	−	−	−	+	+
H. total	(Dots)	1056	1040	1056	1048	1152	1344	1328	1344	1312	1376
H. sync.	(Dots)	128	120	80	64	64	136	136	136	96	96
H. back porch	(Dots)	88	64	160	152	224	160	144	160	176	208
H. active	(Dots)	800	800	800	800	832	1024	1024	1024	1024	1024
H. front porch	(Dots)	40	56	16	32	32	24	24	24	16	48
Vertical Freq.	(Hz)	60.317	72.188	75.000	85.061	74.553	60.004	70.069	72.082	75.029	84.997
Sync. Polarity		+	+	+	+	−	−	−	−	+	+
V. total	(Lines)	628	666	625	631	667	807	806	806	800	808
V. sync.	(Lines)	4	6	3	3	3	6	6	6	3	3
V. back porch	(Lines)	23	23	21	27	37	29	29	29	28	38
V. active (Lines)		600	600	600	600	624	768	768	768	768	768
V. front porch	(Lines)	1	37	1	1	3	3	3	3	1	1

Mode No.		21	22	23	24	25	26	27	28	29	30
Mode Name		APPLE 1152x 870	VESA 1280 x 960	VESA 1280 x 960	VESA 1280 x 1024	VESA 1280 x 1024	VESA 1280 x 1024	HDTV 1280 x 720	VESA 1600 x 1200		
Horizontal Freq.	(KHz)	68.681	60.000	75.231	63.981	79.976	91.146	45.000	75.000		
Video clock Freq.		100.00	108.00	130.00	108.00	135.00	157.50	74.250	162.00		
Sync. Polarity		−	+	−	+	+	+	−	+		
H. total	(Dots)	1456	1800	1728	1688	1688	1728	1650	2160		
H. sync.	(Dots)	128	112	136	112	144	160	40	192		
H. back porch	(Dots)	144	312	224	248	248	224	270	304		
H. active	(Dots)	1152	1280	1280	1280	1280	1280	1280	1600		
H. front porch	(Dots)	32	96	88	48	16	64	60	64		
Vertical Freq.	(Hz)	75.062	60.000	74.857	60.020	75.025	85.024	60.000	60.000		
Sync. Polarity		−	+	+	+	+	+	−	+		
V. total	(Lines)	915	1000	1005	1066	1066	1072	750	1250		
V. sync.	(Lines)	3	3	4	3	3	3	5	3		
V. back porch	(Lines)	39	36	38	38	38	44	20	46		
V. active (Lines)		870	960	960	1024	1024	1024	720	1200		
V. front porch	(Lines)	3	1	3	1	1	1	5	1		

Appendix B: DDC contents.

a. 128 bytes of EDID code for VP201s analog.

	0	1	2	3	4	5	6	7	8	9
0	00	FF	FF	FF	FF	FF	FF	00	5A	63
10	18	0C	01	01	01	01	01	0F	01	03
20	0E	29	1F	78	2E	30	85	A6	56	4A
30	99	24	14	50	54	BF	EF	80	A9	40
40	81	80	81	40	71	4F	01	01	01	01
50	01	01	01	01	48	3F	40	30	62	B0
60	32	40	40	C0	13	00	98	32	11	00
70	00	1E	00	00	00	FF	00	41	32	55
80	30	35	30	31	30	30	30	30	31	0A
90	00	00	00	FD	00	32	4B	1E	5C	11
100	00	0A	20	20	20	20	20	20	00	00
110	00	FC	00	56	50	32	30	31	73	0A
120	20	20	20	20	20	20	00	B0		

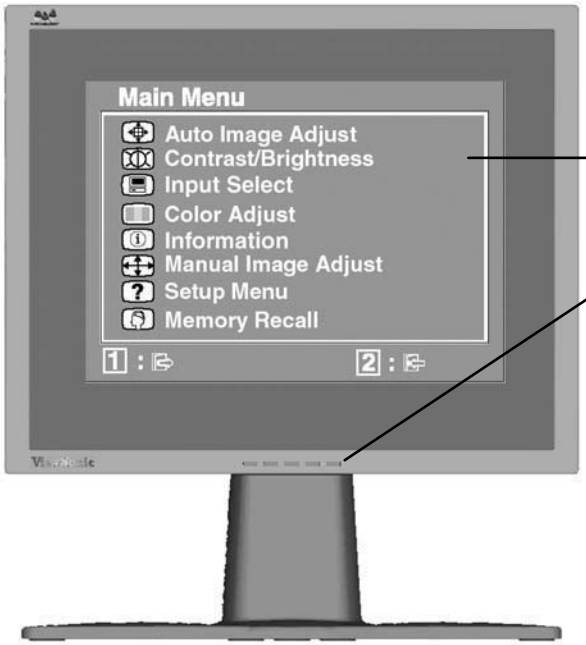
b. 128 bytes of EDID code for VP201s digital.

	0	1	2	3	4	5	6	7	8	9
0	00	FF	FF	FF	FF	FF	FF	00	5A	63
10	18	0C	01	01	01	01	01	0F	01	03
20	80	29	1F	78	2E	30	85	A6	56	4A
30	99	24	14	50	54	BF	EF	80	A9	40
40	81	80	81	40	71	4F	31	0A	01	01
50	01	01	01	01	48	3F	40	30	62	B0
60	32	40	40	C0	13	00	98	32	11	00
70	00	1E	00	00	00	FF	00	41	32	55
80	30	35	30	31	30	30	30	30	31	0A
90	00	00	00	FD	00	32	4B	1E	5C	11
100	00	0A	20	20	20	20	20	20	00	00
110	00	FC	00	56	50	32	30	31	73	0A
120	20	20	20	20	20	20	00	05		

3. Front Panel Function Control Description

Adjusting the Screen Image

Use the buttons on the front control panel to display and adjust the OnView® controls which display on the screen. The OnView controls are explained at the top of the next page.



Main Menu
with OnView controls

Front Control Panel shown below in detail

Scrolls through menu options and adjusts the displayed control.

Also a shortcut to display the Contrast adjustment control screen.

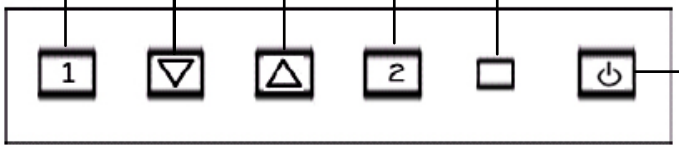
Displays the control screen for the highlighted control.

Also toggles between two controls on some screens.

Also a shortcut to toggle analog and digital connection.

Displays the Main Menu or exits the control screen and saves adjustments.

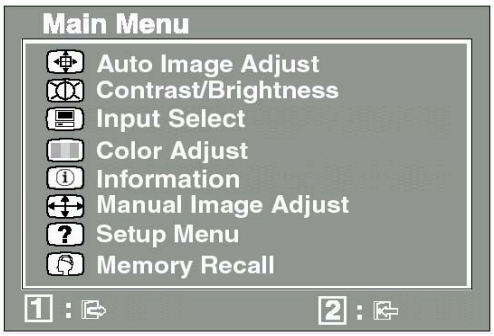
Power light
Green = ON
Orange = Power Saving



Power On/Off

Do the following to adjust the screen image:

1 To display the Main Menu, press button [1].



NOTE: All OnView menus and adjustment screens disappear automatically after about 30 seconds.

2 To select a control you want to adjust, press ▲ or ▼ to scroll up or down the Main Menu.

3 After the control is selected, press button [2].

4 To adjust the control, press the up ▲ or down ▼ buttons.

5 To save the adjustments and exit the menu, press button [1] *twice*.

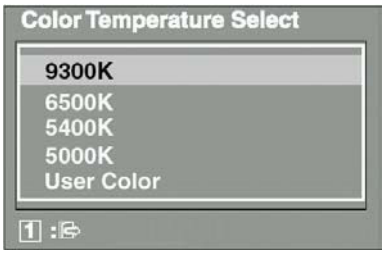
The following tips may help you optimize your display:

- Adjust your computer's graphic card so that it outputs a video signal 1600 x 1200 @ 60 Hz to the LCD display. (Look for instructions on “changing the refresh rate” in your graphic card's user guide.)
- If necessary, make small adjustments using H POSITION and V POSITION until the screen image is completely visible. (The black border around the edge of the screen should barely touch the illuminated “active area” of the LCD display.)

Main Menu Controls

Adjust the menu items shown below by using the up ▲ and down ▼ buttons.

Control	Explanation
	Auto Image Adjust automatically sizes, centers, and fine tunes the video signal to eliminate waviness and distortion. Press the [2] button to obtain a sharper image. NOTE: Auto Image Adjust works with most common video cards. If this function does not work on your LCD display, then lower the video refresh rate to 60 Hz and set the resolution to its pre-set value.
	Contrast adjusts the difference between the image background (black level) and the foreground (white level).
	Brightness adjusts background black level of the screen image.
	Input Select allows you to toggle between an analog and a digital signal.
	Color Adjust provides several color adjustment modes: preset color temperatures and **RGB** which allows you to adjust red (**R**), green (**G**), and blue (**B**) separately. The factory setting for this product is 6500K (6500 Kelvin).



9300K — Adds blue to the screen image for cooler white (used in most office settings with fluorescent lighting).

6500K — Adds red to the screen image for warmer white and richer red.

5400K — Adds green to the screen image for a darker color.

5000K — Adds blue and green to the screen image for a darker color.

User Color — Individual adjustments for red (R), green (G), and blue (B).

1. To select color (R, G or B) press button [2].
2. To adjust selected color, press ▲ or ▼.

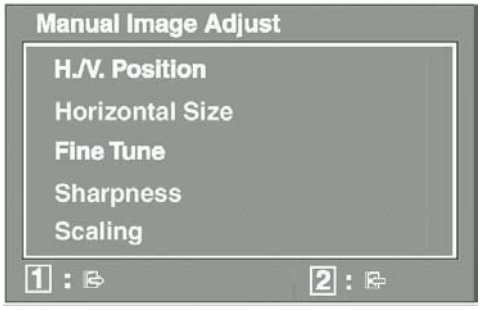
Control	Explanation

Important: If you select RECALL from the Main Menu when the product is set to a Preset Timing Mode, colors return to the 6500K factory preset.

Information displays the timing mode (video signal input) coming from the graphics card in your computer. See your graphic card's user guide for instructions on changing the resolution and refresh rate (vertical frequency).

NOTE: VESA 1600 x 1200 @ 60 Hz (recommended) means that the resolution is 1600 x 1200 and the refresh rate is 60 Hertz.

Manual Image Adjust displays the Manual Image Adjust menu.



The **Manual Image Adjust** controls are explained below:

Horizontal Position moves the screen image left or right.

Vertical Position moves the screen image up or down.

Horizontal Size adjusts the width of the screen image.

Fine Tune sharpens focus by aligning the illuminated text and/or graphic characters.

Sharpness adjusts the clarity and focus of the screen image.

Scaling adjusts the video input signal to the screen size other than 1600 x 1200 using the following options.

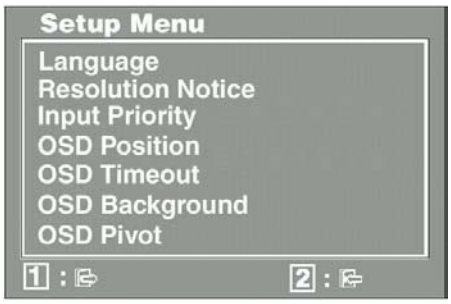
1:1 adjusts the video signal so that the height and width of the picture are the same.

Fill all adjusts the video signal to fill the screen.

Fill Aspect Ratio maintains the correct video signal proportions for different resolutions.

Control	Explanation

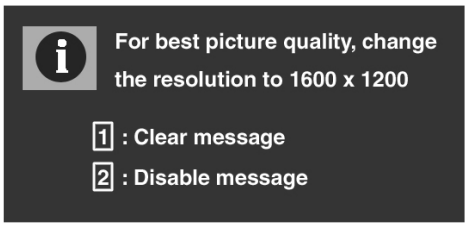
Setup Menu displays the menu shown below.



The **Setup Menu** controls are explained below:

Language allows you to choose the language used in the menus and control screens.

Resolution Notice displays the Resolution Notice menu shown below.



Resolution Notice advises the optimal resolution to use.

Input Priority If multiple computers will be connected to the display, this function can be used to select which computer has priority Depending on the selected Input Priority, the display will do a one time detection for available inputs when first powered on.

OSD Position allows you to move the on-screen display menus and control screens.

OSD Timeout sets the length of time an on-screen display screen is displayed. For example, with a “15 second” setting, if a control is not pushed within 15 seconds, the display screen disappears.

Control	Explanation
	OSD Background allows you to turn the On-Screen-Display background on or off.
	OSD Pivot This function is used to rotate the OSD menu, when the display is changed from Landscape to Portrait mode.
	Memory Recall returns adjustments to the original factory settings if the display is operating in a factory Preset Timing Mode listed in this user guide. **Exception:** This control does not affect changes made with the User Color control.

4. Circuit Description

4.1 Power supply (DC/DC Converter):

4.1.1 IC251 BA9741 is a switching regulator controller that uses a PWM method. It is used for DC to DC step-down conversion. It converts 24V DC into regulated and stable output voltages of 18V and 5V.

4.1.2 Regulator:
IC252 converts 5V into regulated and stable O/P 3.3V.
IC253 converts 5V into regulated and stable O/P 1.8V
IC255 converts 5V into regulated and stable O/P 3.3V.
IC256 converts 5V into regulated and stable O/P 2.5V.

4.2 DDC data select:

4.2.1 IC601 (AT24C02) saves D-SUB DDC data.

4.2.2 IC604 (AT24C02) saves DVI-D, DDC data.

4.2.3 IC605 (AT24C02) saves DVI-A, DDC data.

4.3 D-sub and DVI-A signal select

The VP201s is equipped with two analog signal inputs: D-sub and DVI-A. The user may only choose to display the signal from one of these ports: D-sub or DVI-A.
IC607 (AD8186) is a R, G, B signal switch IC. If the control signal (RGBSEL) is high, the device will display the DVI-A signal. If the control signal (RGBSEL) is low, the device will display the D-sub.

4.4 Scalar

The gm1601H is a dual channel graphics and video processing IC for Liquid Crystal Display (LCD) monitors and televisions incorporating Picture in Picture, up to WUXGA output resolutions. The gm1601H provides all key IC functions required for image capture, processing and display timing control. On-chip functions include a high speed triple-ADC and PLL, Ultra-Reliable DVI receiver, high quality zoom, and shrink scaling engines, Motion Adaptive De-interlacing (MADI), Low Angle Diagonal Interpolation (LADI), an on-screen display (OSD) controller, a 100MHz on-chip X186 micro-controller (OCM), and a selectable double side TTL or dual channel LVDS transmitter for interface to displays.

4.5 USB(VP201s/b only)

IC951(USB20H04) is a 4-Port USB 2.0 Hub controller. It is compliant with the USB 2.0 specification, enables bus-powered Hi-Speed hub design, and is compatible with On-The-Go (OTG) USB devices. It is equipped with a serial interface for configuration from EEPROM or micro-controller when the default settings are not used. Includes integrated termination and pull-up/pull-down resistors, as well as internal short circuit protection of DP and DM lines. Supports individual or ganged over-current protection and power control.

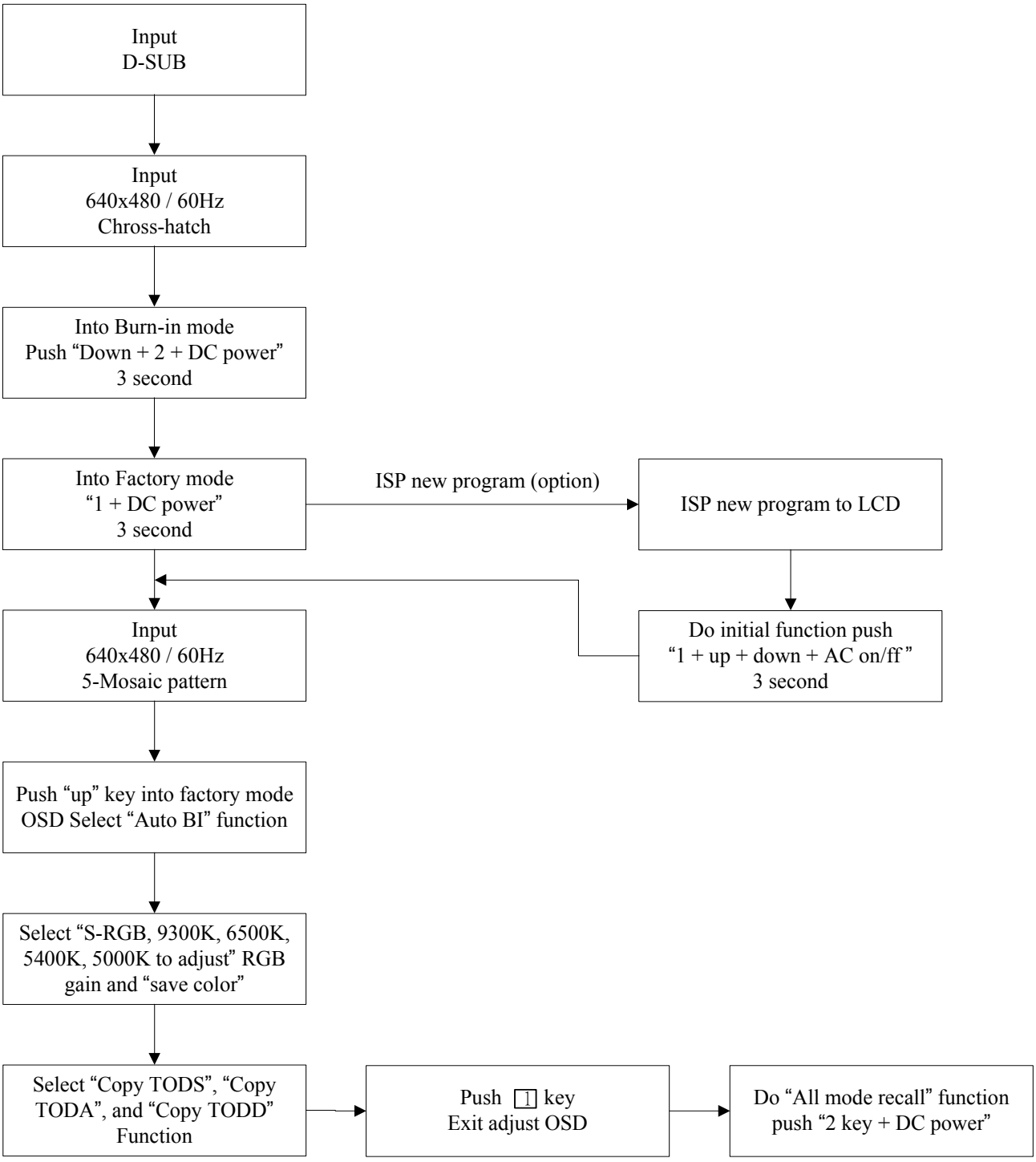
5. Adjustment Procedure

5.1 General.

1. All specifications must be met over line voltage range of $90V_{AC}$ to $264V_{AC}$ 50Hz / 60Hz, unless otherwise specified.
2. Operating temperature range is $0^{o}C$ to $40^{o}C$ with a relative humidity of 10% or less to 80%.
3. The monitor must be operational in a usable state within 30 minutes after turn-on.
4. All signal levels are measured assuming termination at the monitor's input jacks or in its characteristic impedance.
5. All controls must have excess range (no control may be left at an end stop when proper alignment is completed).
6. The monitor is not required to meet specs under the following circumstances, but must tolerate without damage to the LCD or circuits any sequence or combination of: Power on and off, signal on and off, erratic or incorrect frequency, noisy inputs, any possible combination of unplugging of power or signal cables, or any setting of user accessible controls. Likewise, the monitor should survive extended periods of operation with line voltage reduced below the specified minimum.
7. An isolation transformer should be used when performing alignment and tests. Portions of the power supply board are hot ground. The remaining boards are cold ground.
8. Ambient condition:
   8.1 Illumination: In usual inspection of electric performance and mechanical performance, it shall be 150 ~ 260lux.
   8.2 Environmental noise: Less than 60dB.
   8.3 Interference of EMI: The inspection shall be carried out in a place where the set is not disturbed by excessive external electric waves or magnetic fields.
   8.4 Temperature: $24 \pm 2^{o}C$.
   8.5 Humidity: 65 ± 20%.

5.2 Instrument alignment.

5.2.1 Adjustment procedure.



5.2.2 Video alignment.

5.2.2.1 Initial Conditions

5.2.2.1.1 Set the contrast to 70% and set brightness to 100%..

5.2.2.1.2 Input a 640x480 / 60Hz 5-block (5-MOSAIC) pattern (input level 100IRE 0.7Vp-p), then adjust the white balance.

SRBG/9300K / 6500K / 5400K / 5000K, R G B Gain preset as below:

	sRGB		9300K		6500K		5400K		5000K	
	Analog	DVI	Analog	DVI	Analog	DVI	Analog	DVI	Analog	DVI
R Gain	255	255	255	255	255	255	255	255	255	255
G Gain	255	255	255	255	255	255	255	255	255	255
B Gain	255	255	255	255	255	255	255	255	255	255

5.2.2.2 9300K alignment:

5.2.2.2.1 Input 1600x1200 / 60Hz & full white pattern at 100IRE.

5.2.2.2.2 Adjust R, G, and B Gain to meet following chromaticity spec:

9300K → x = 0.283 ± 0.005, y = 0.298 ± 0.005, Y > 150cd/m^2 (Both analog & DVI).

5.2.2.3 6500K alignment:

5.2.2.3.1 Input 1600x1200 / 60Hz & full white pattern at 100IRE.

5.2.2.3.2 Adjust R, G and B Gain to meet following chromaticity spec:

6500°K → x = 0.313 ±0.005, y = 0.329 ± 0.005, Y > 200cd/m^2 (Both analog & DVI).

5.2.2.4 5400K alignment:

5.2.2.4.1 Input 1600x1200 / 60Hz & full white pattern at 100IRE.

5.2.2.4.2 Adjust R, G, and B Gain to meet following chromaticity spec:

5400K → x = 0.335 ± 0.005, y = 0.350 ± 0.005, Y > 180cd/m^2 (Both analog & DVI).

5.2.2.5 5000K alignment:

5.2.2.5.1 Input 1600x1200 / 60Hz & full white pattern at 100IRE.

5.2.2.5.2 Adjust R, G and B Gain to meet following chromaticity spec:

5000°K → x = 0.346 ±0.005, y = 0.359 ± 0.005, Y > 180cd/m^2 (Both analog & DVI).

5.2.2.6 sRGB alignment:

5.2.2.6.1 Input 1600x1200 / 60Hz & full white pattern at 100IRE.

5.2.2.6.2 Adjust R, G and B Gain to meet following chromaticity spec:

sRGB → x = 0.313 ±0.005, y = 0.329 ± 0.005, Y > 200cd/m^2 (Both analog & DVI).

5.2.2.7 64 grays and 16 grays pattern check:

5.2.2.7.1 Input a 1600x1200 / 60Hz, 64 gray-level pattern at 100IRE, with brightness set to 100% and contrast set to 70%.

5.2.2.7.2 Verify that under the 9300K / 6500K / 5400K / 5000K settings, no more than 2 of the 64 grays are saturated.

5.2.2.7.3 Input a 1600x1200 / 60Hz, 16 gray-level pattern at 100IRE, with brightness set to 100% and contrast set to 100%

5.2.2.7.4 Verify that under the 9300K / 6500K / 5400K / 5000K settings, no more than 4 of the 16 grays are saturated.

5.3 VP201s Firmware Download Procedure (Gm1601 serial)

5.3.1 Set LCD Monitor to Burn In mode (Down key + 2 key +DC power on).

5.3.2 Set LCD Monitor to Factory mode (1 key + DC power on).

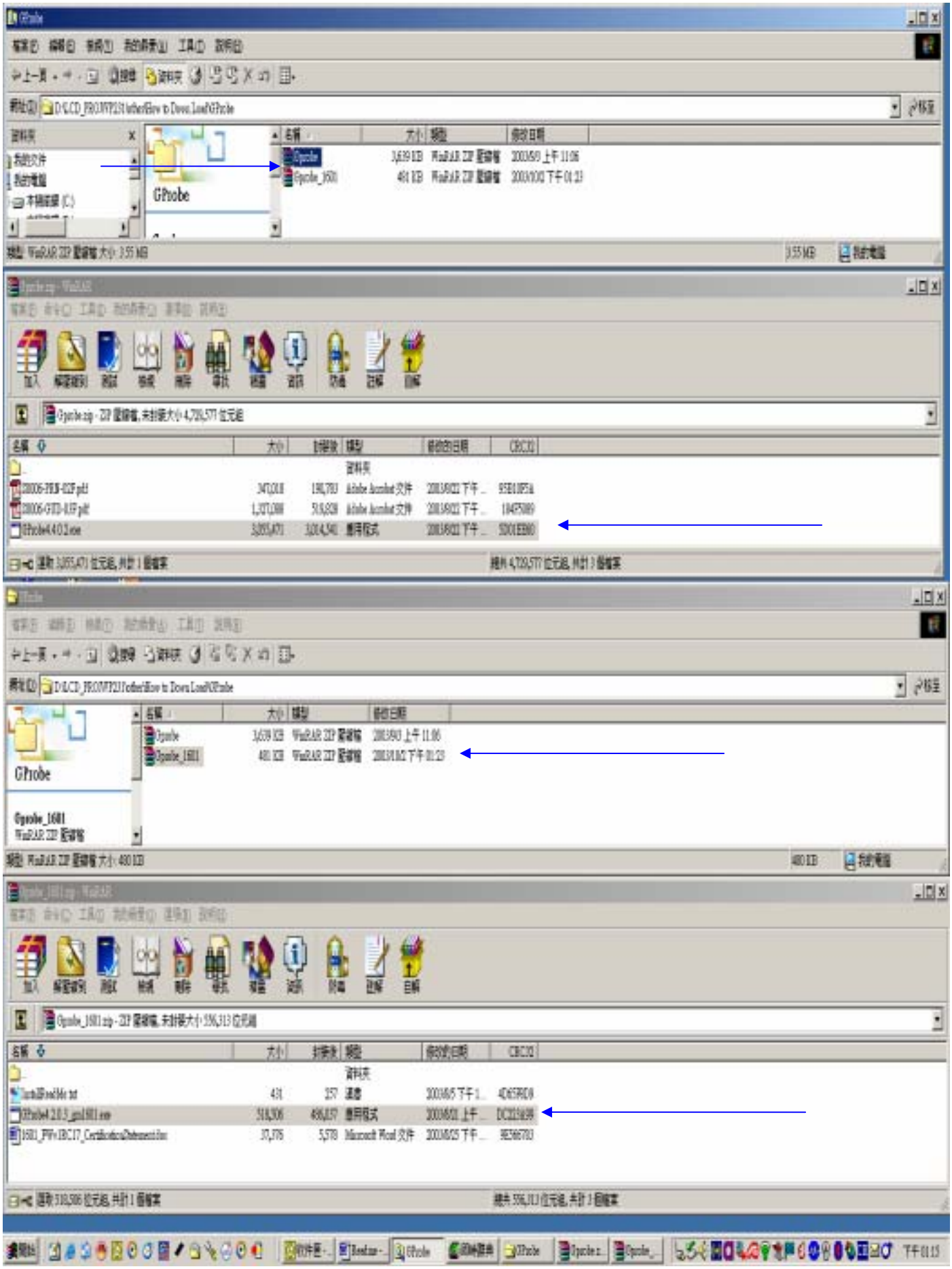
5.3.3 Enter Factory Mode (Press up key).

5.3.3.1 Set the color temperature mode to sRGB and press the 2 Key. The R, G, B, Gain value will be adjusted; note the values..

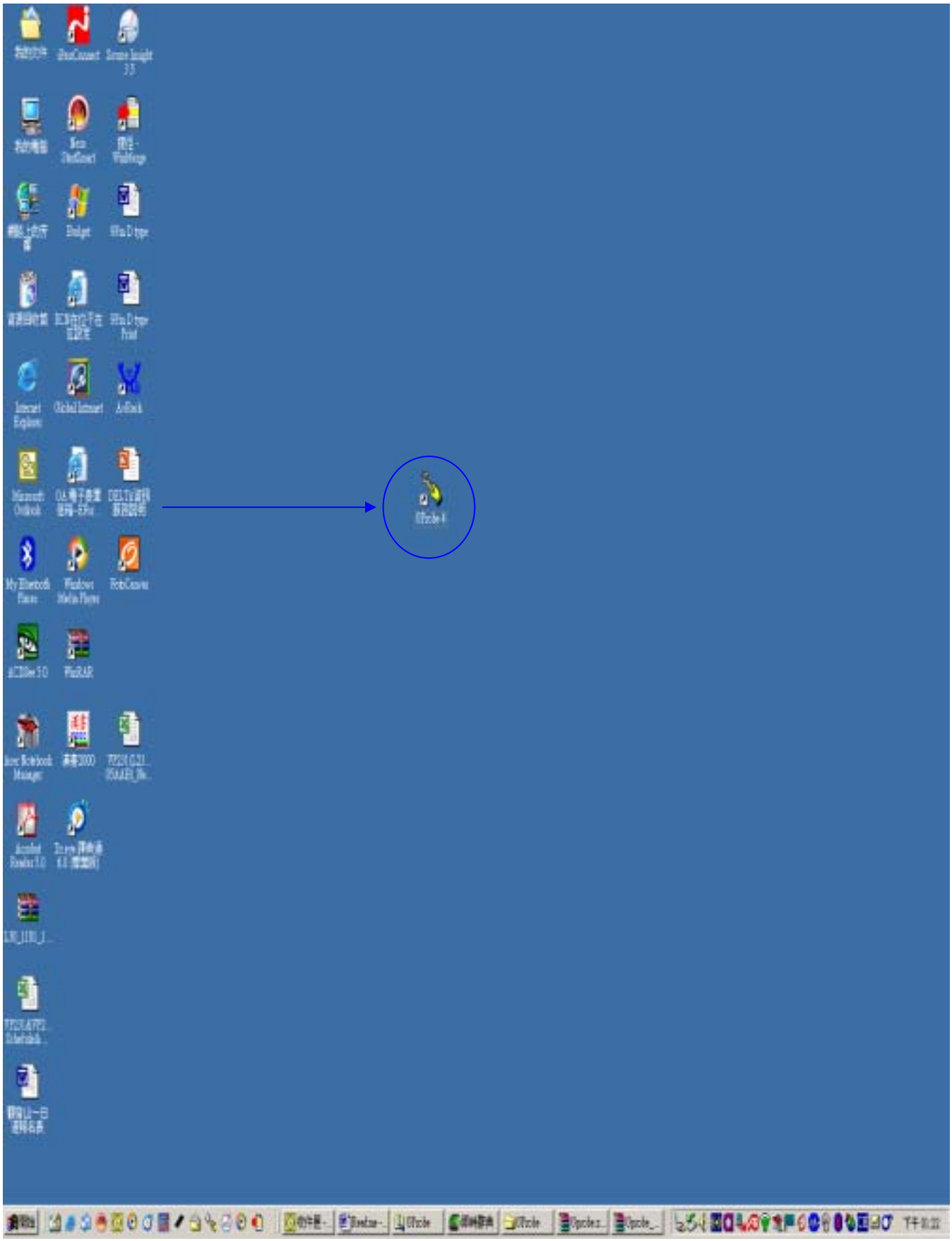
5.3.3.2 Repeat for each color temperature.

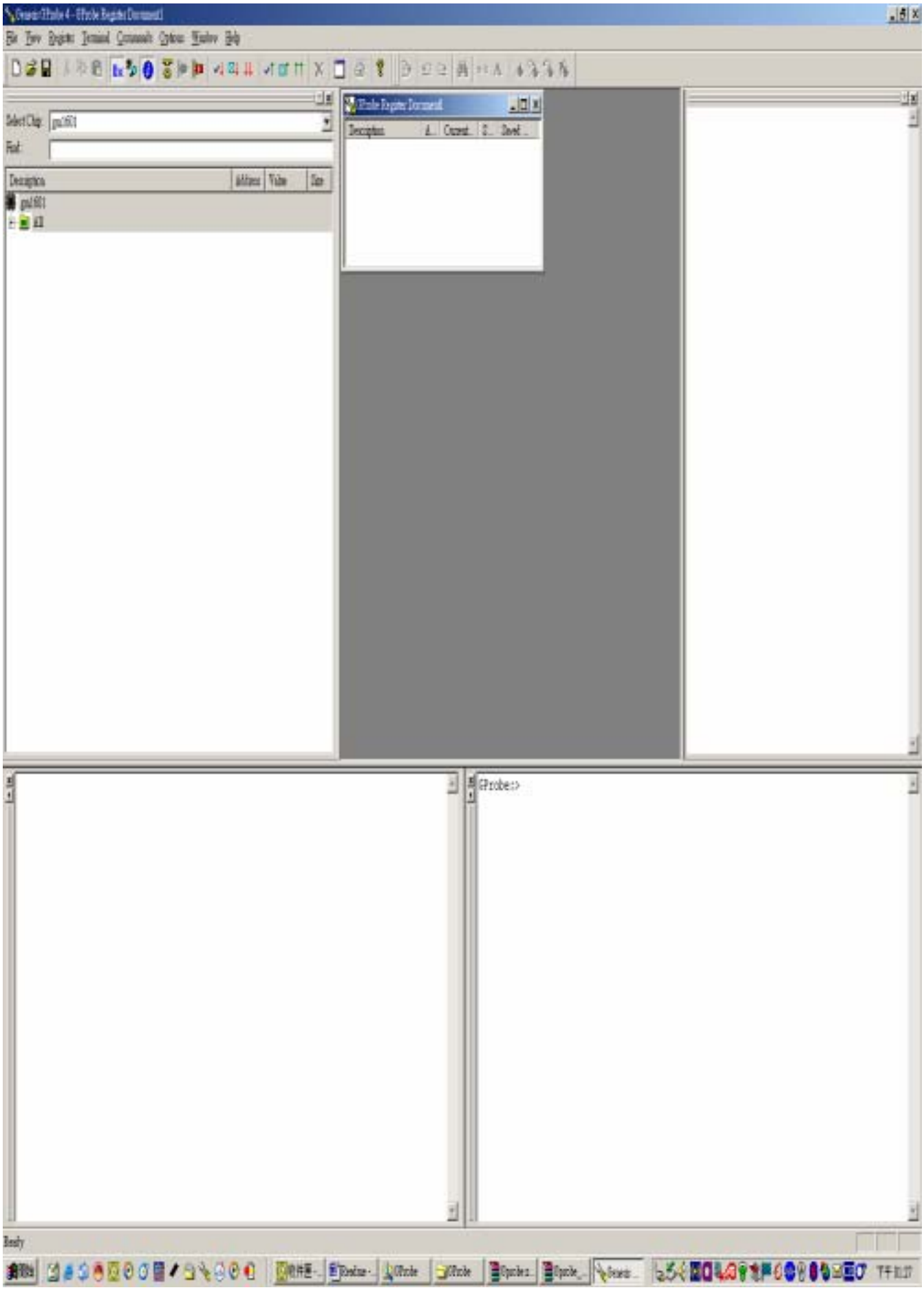
5.3.4 Install Gprobe

5.3.5 Install Gprobe_1601



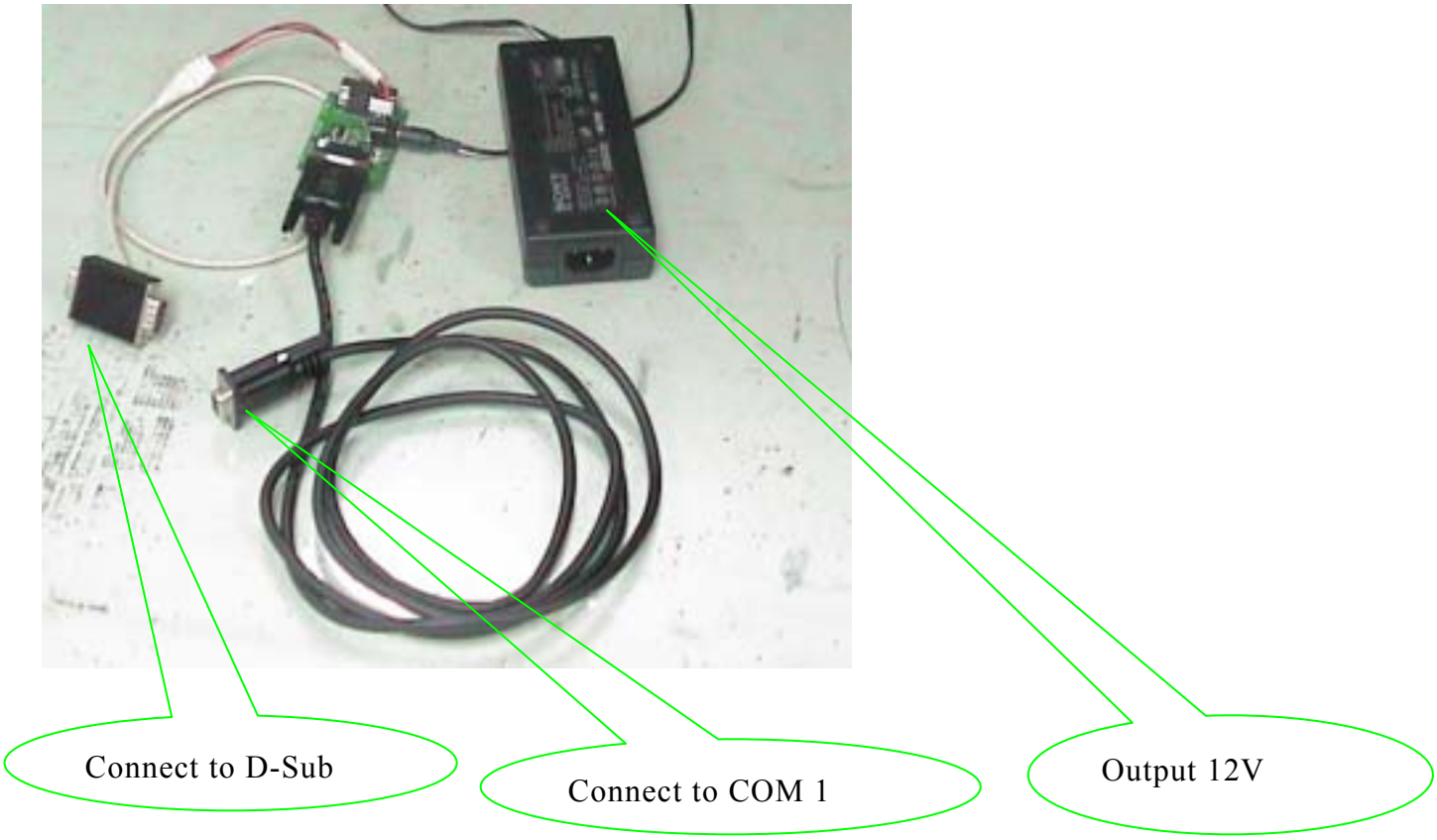
5.3.6 Click Gprobe 4



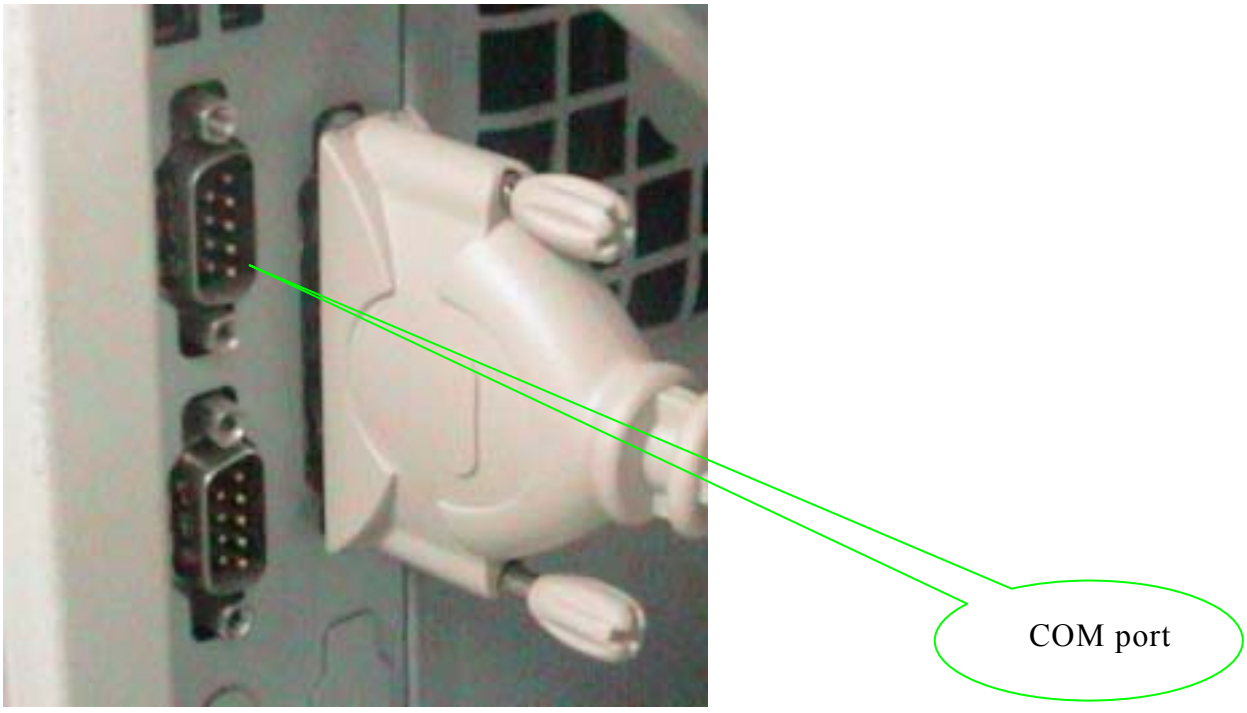


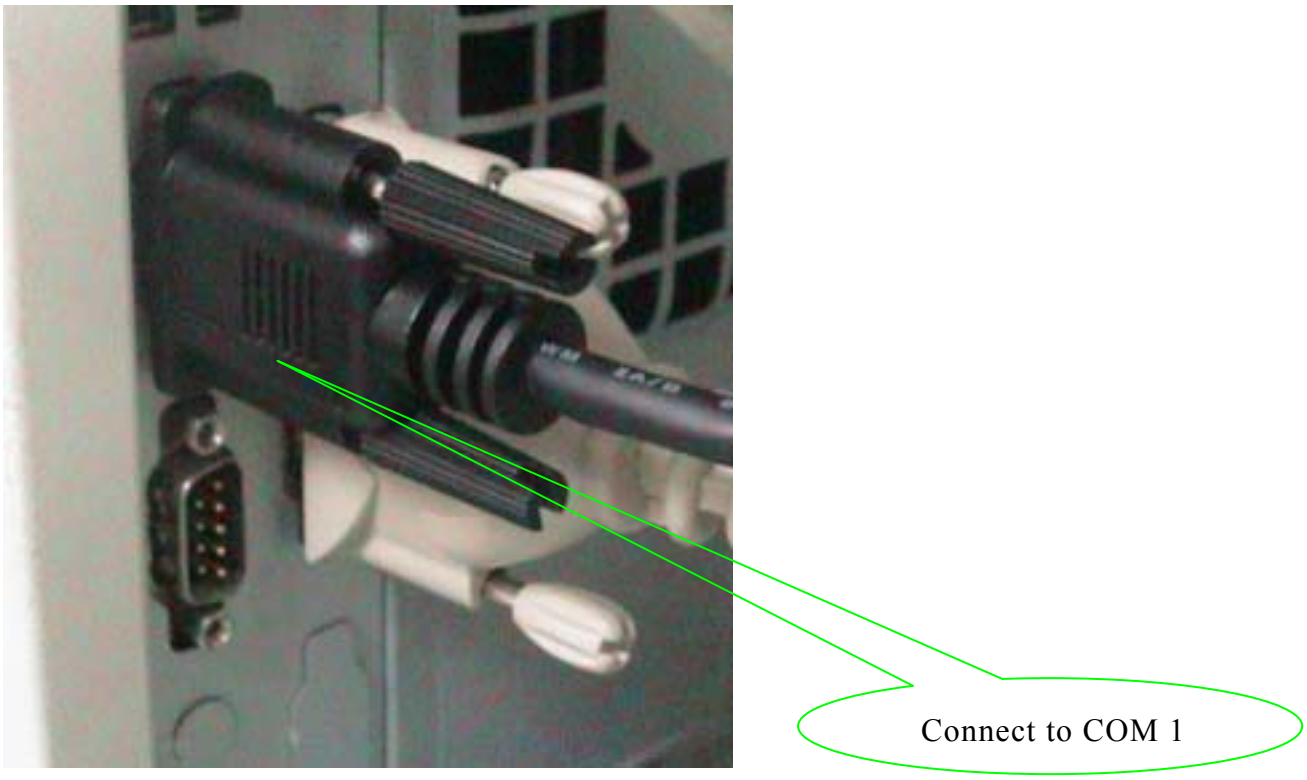
5.3.7 Connect ISP Tool

5.3.7.1 ISP Tools

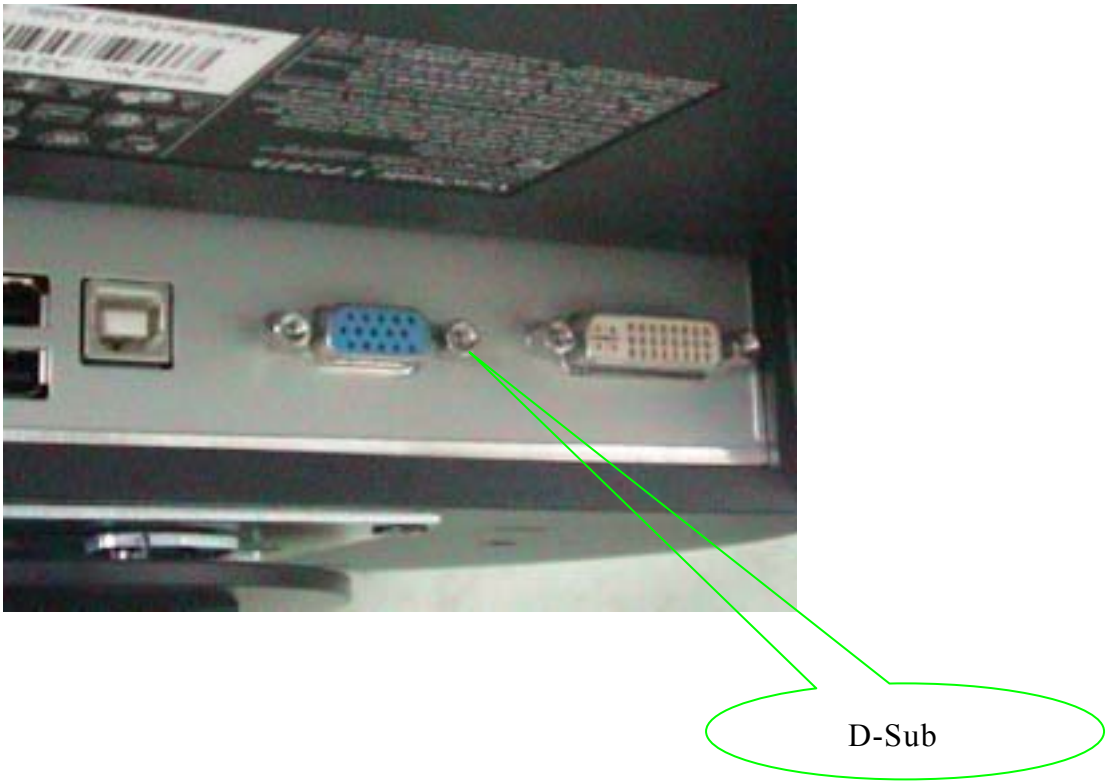


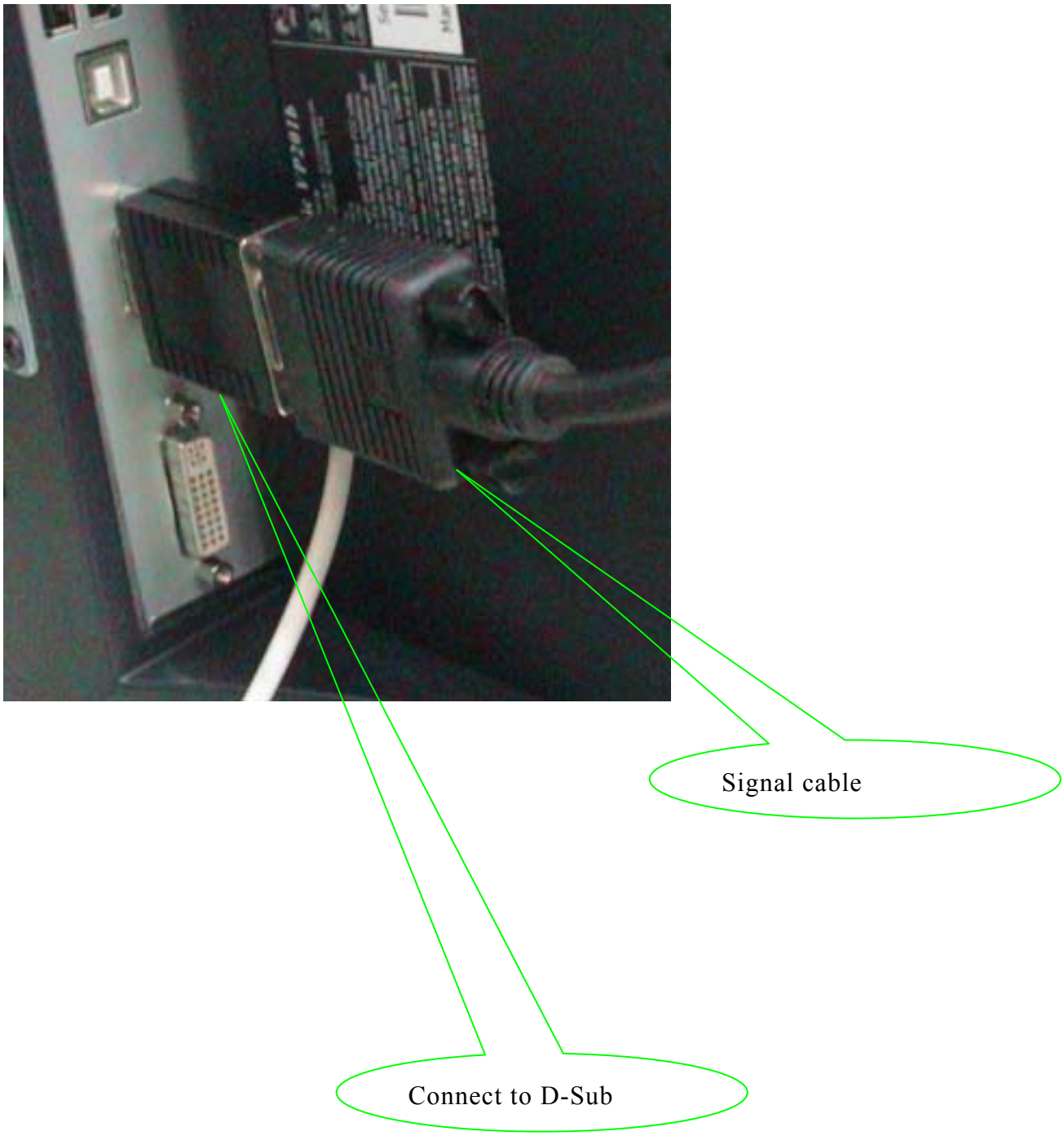
5.3.7.2 Connect ISP Tool to “COM1”



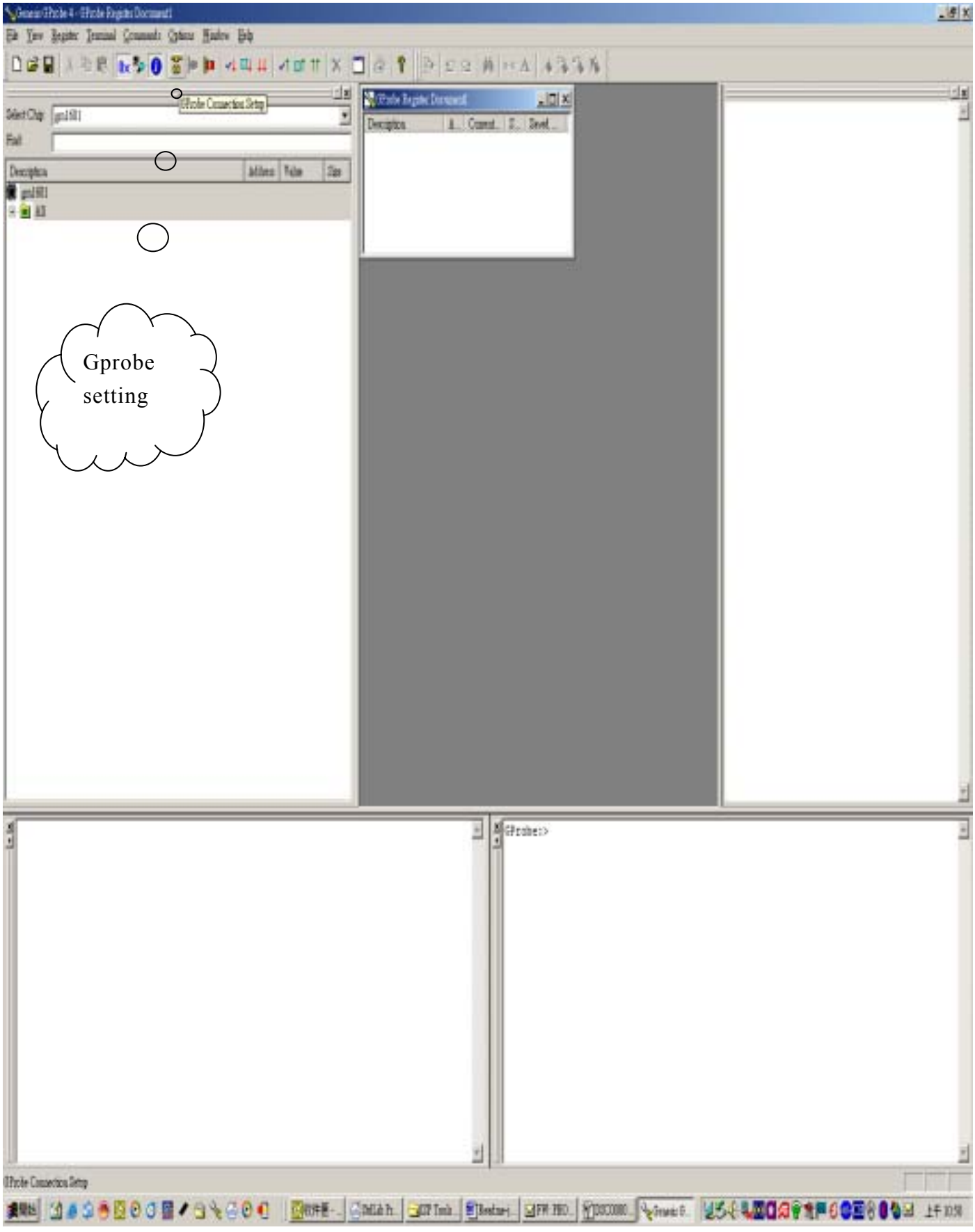


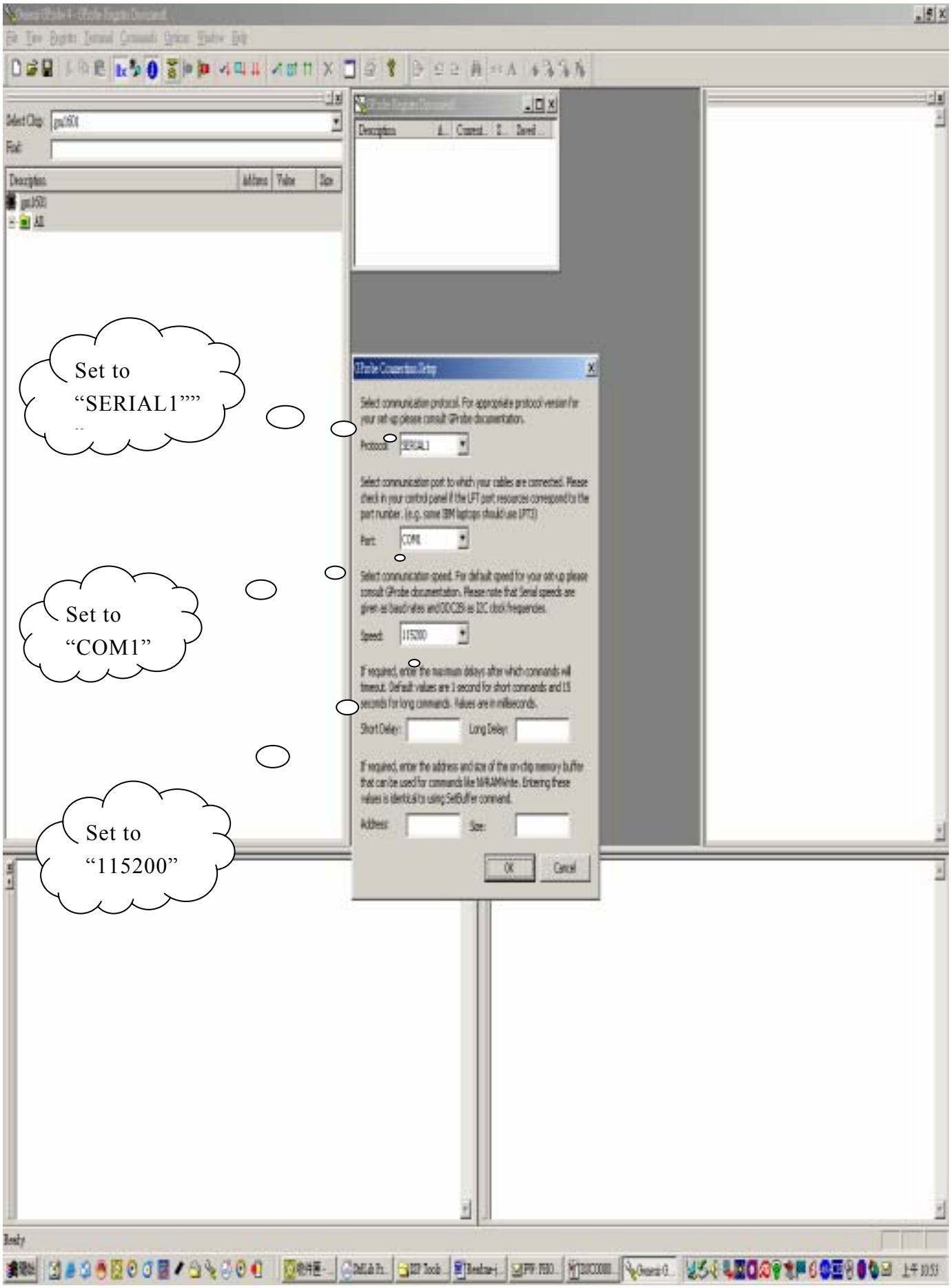
5.3.7.3 Connect ISP Tool to “Display”



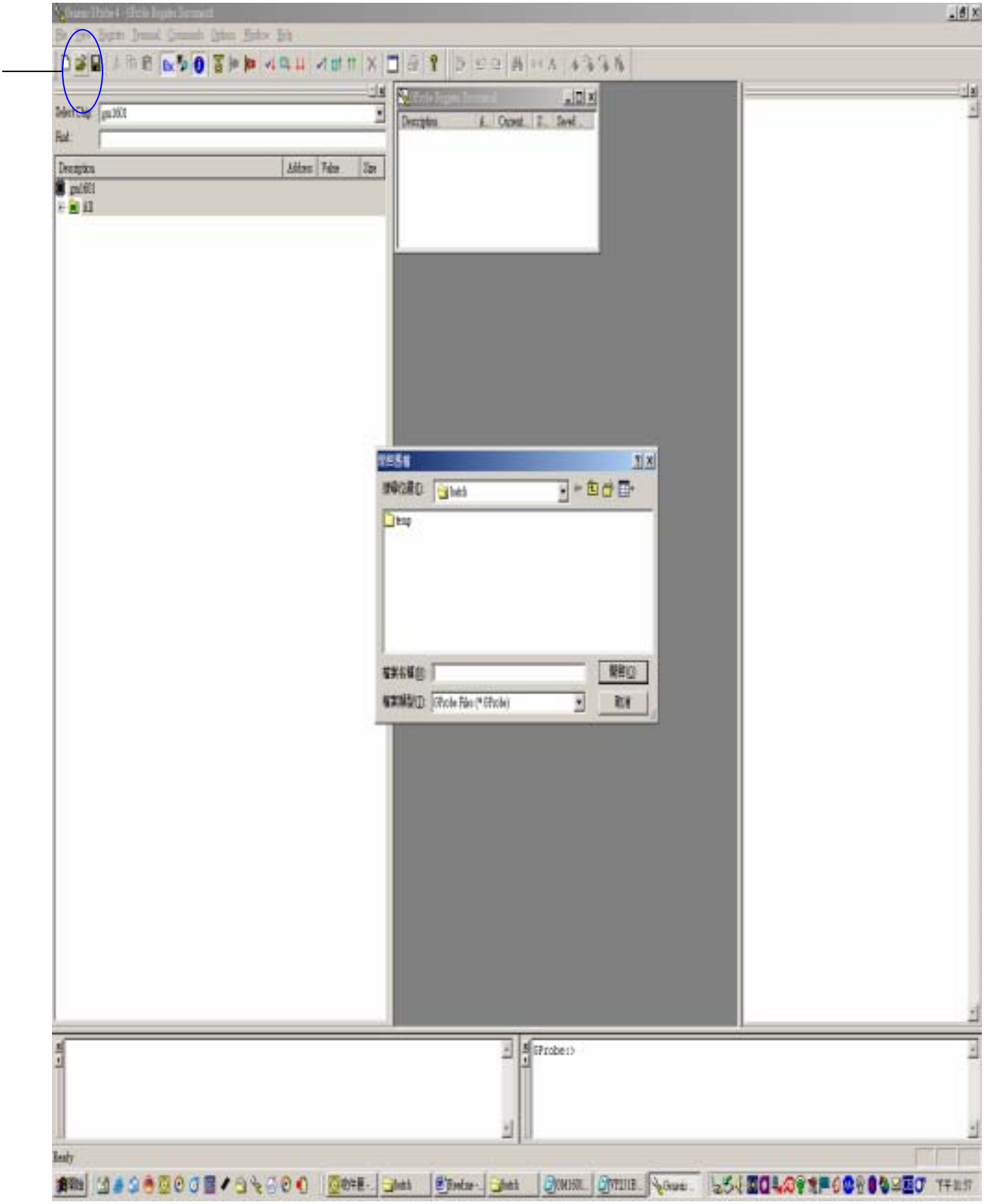

Signal cable
Connect to D-Sub

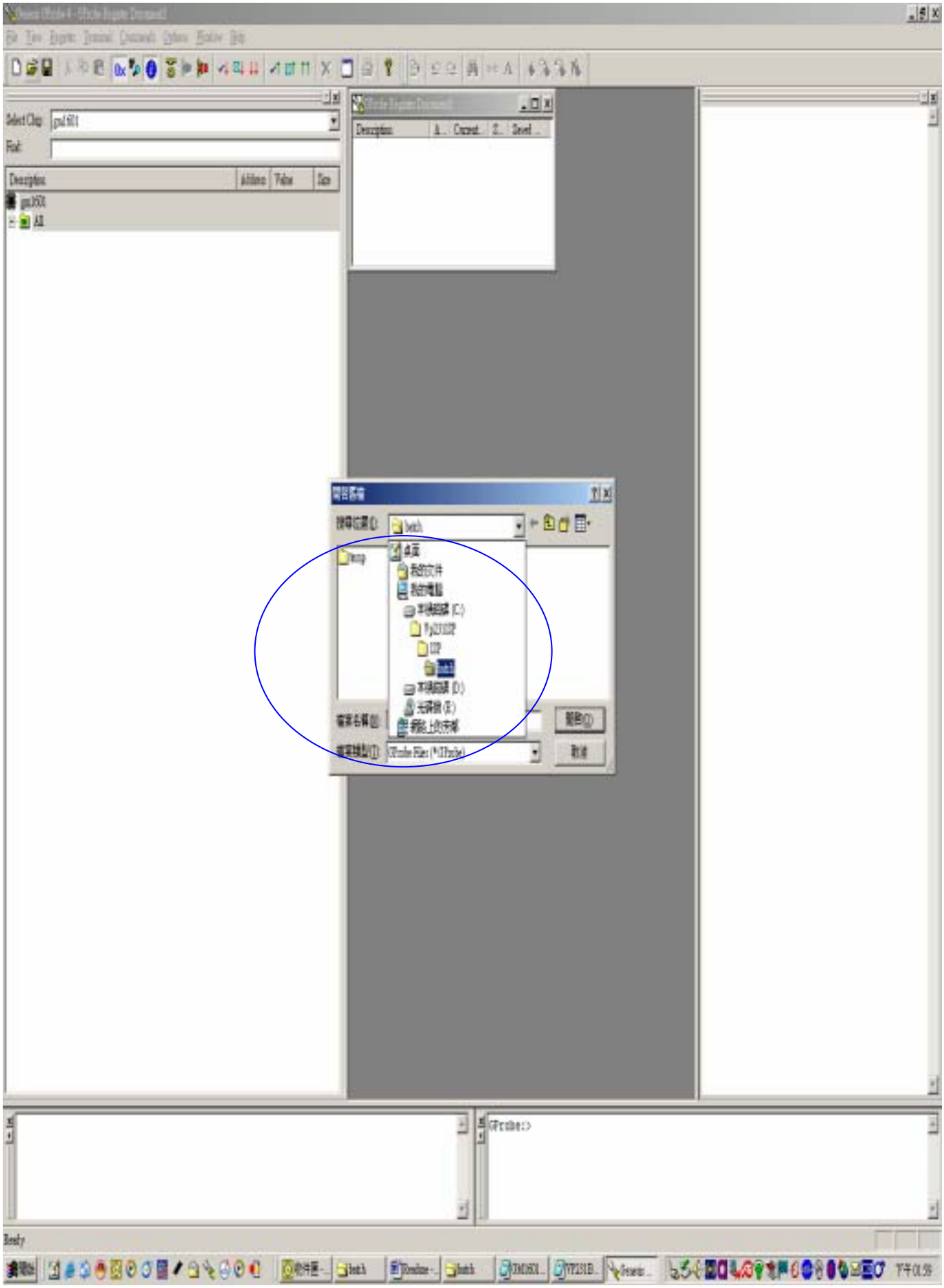
5.3.8 Confirm connection setup





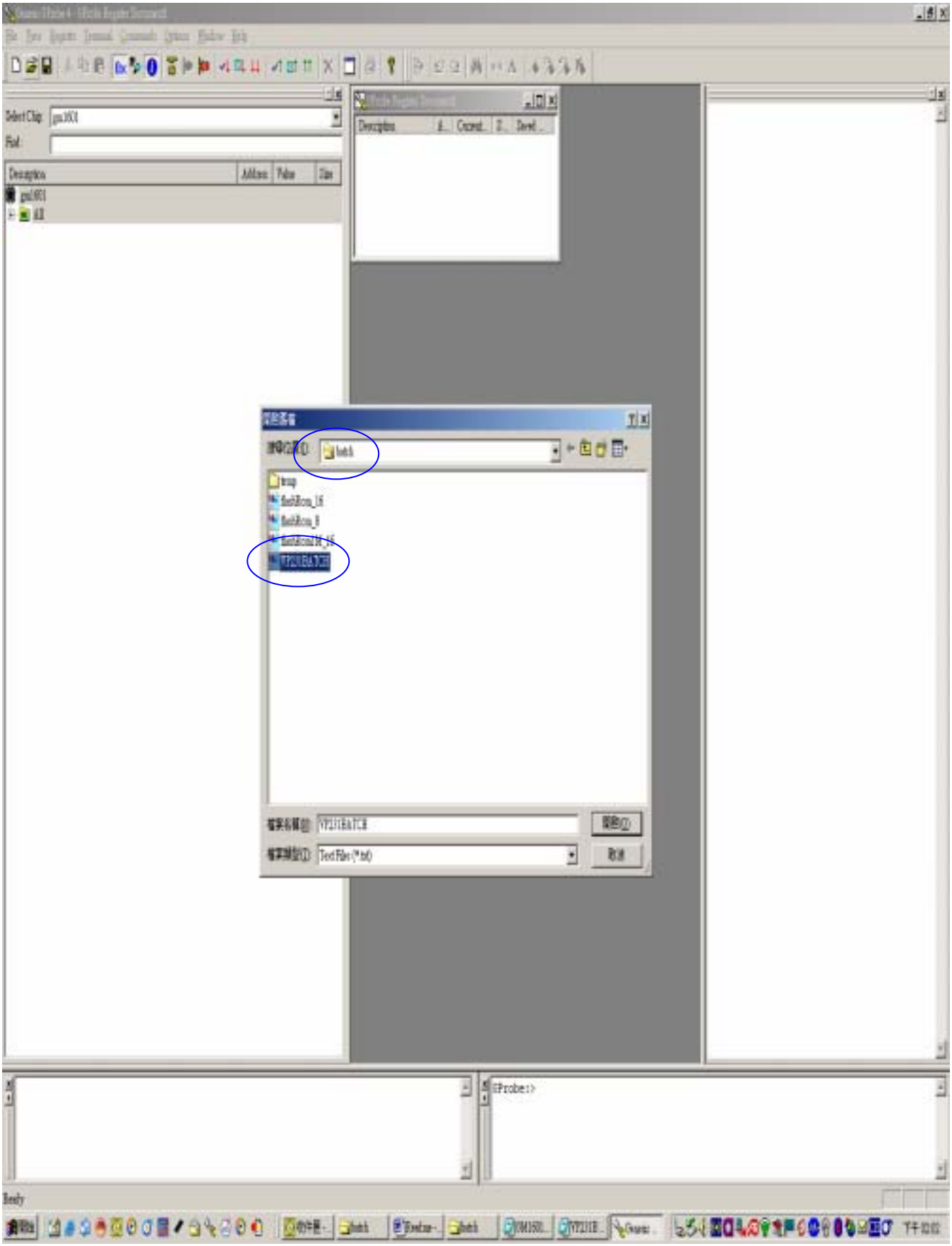
5.3.8.1 Open BATCH file in Gprobe 4



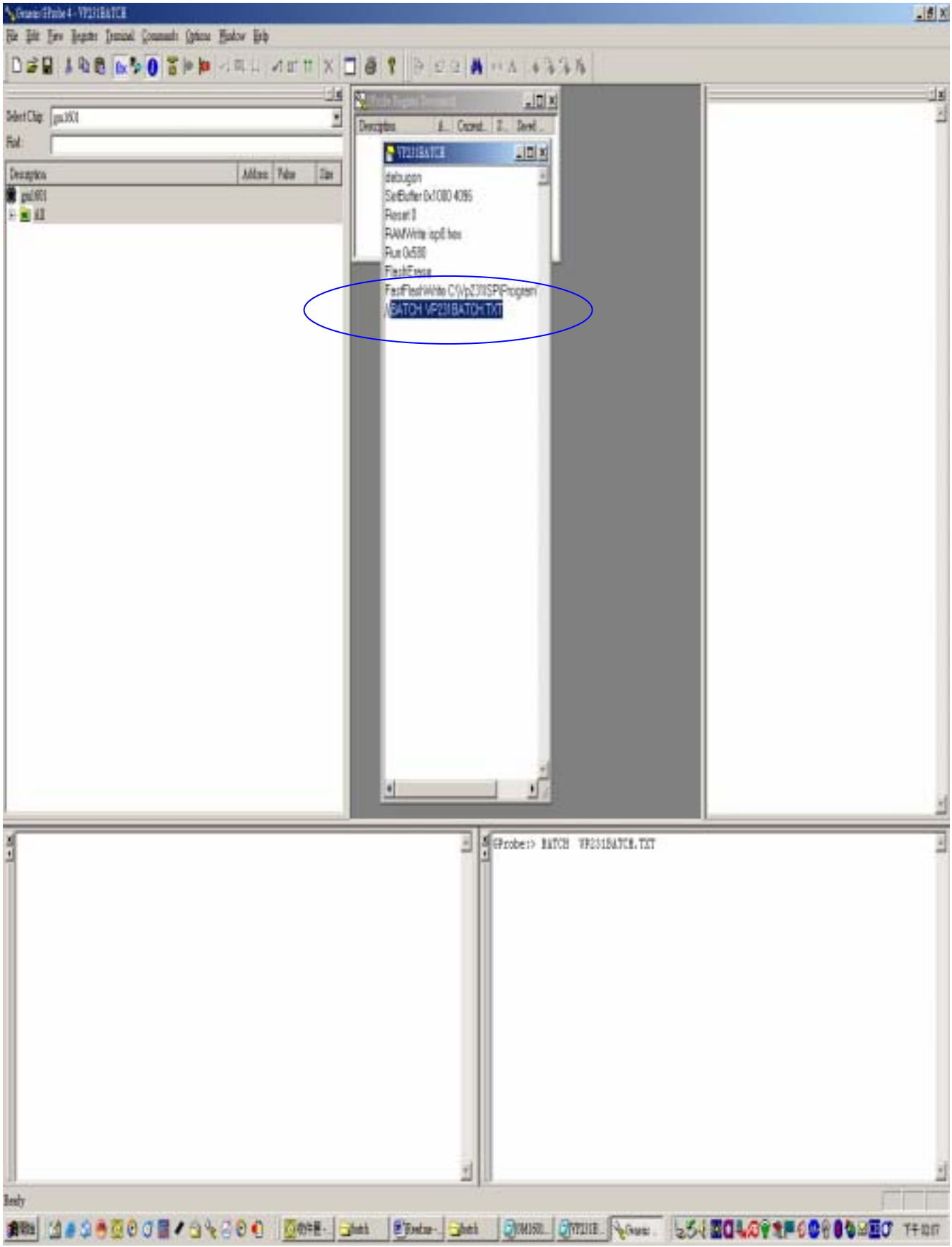


5.3.9 Open

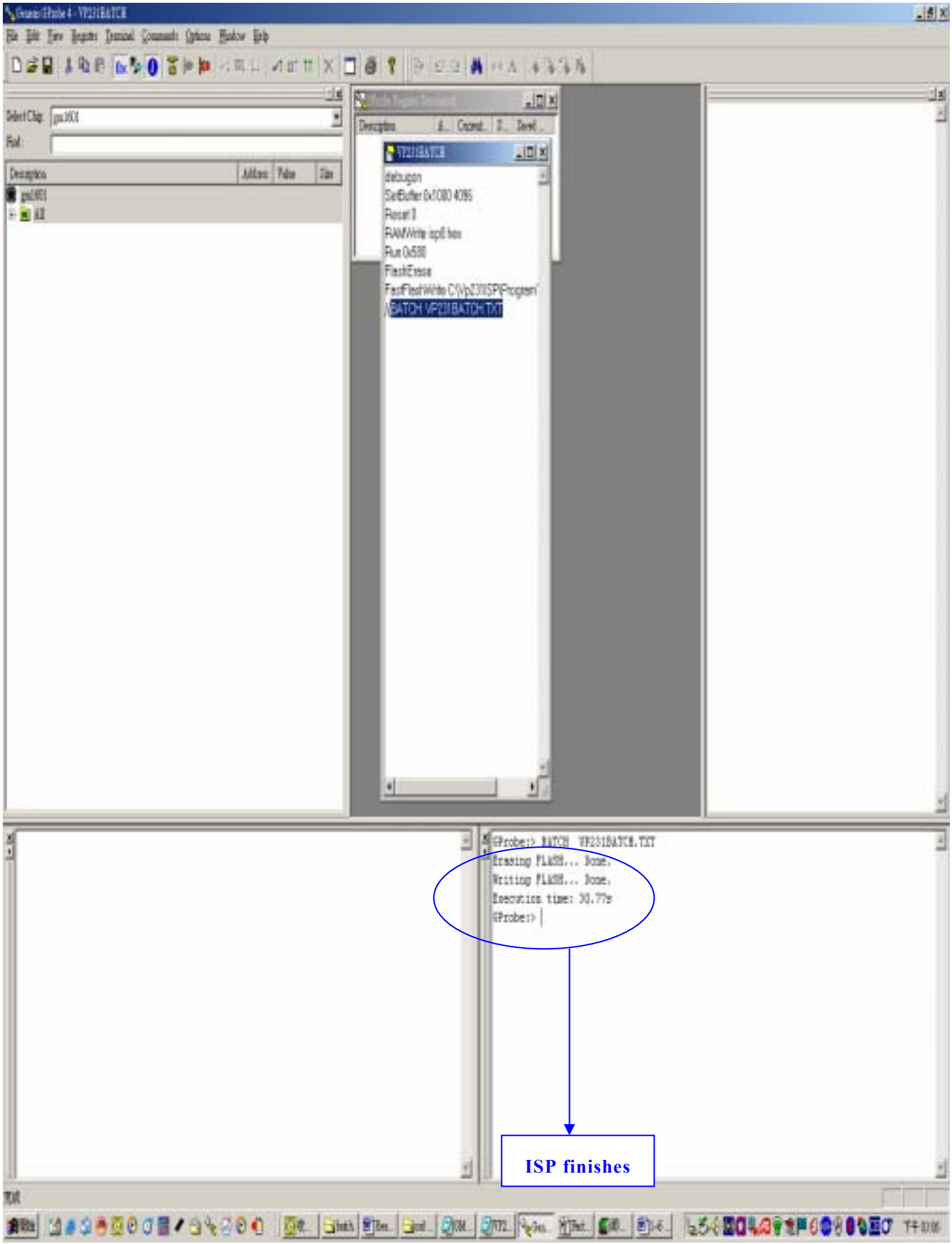
VP2000BATCH



5.3.10 Key in “BATCH VP2000BATCH.TXT”



5.3.11 Press Enter key



5.3.12 Remove ISP tool
5.3.13 EEPROM initial (1key + up key + down key + AC Power off/on)
5.3.14 Execute Auto White Balance.
5.3.14.1 Set LCD Monitor to Burn In mode (Down key + 2 key +DC power on).
5.3.14.2 Set LCD Monitor to Factory mode (1 key + +DC power on).
5.3.14.3 Enter Factory Mode (press up key).
5.3.14.4 Recover color temperature settings:

(1) Select D-SUB

(2) Input a 640x480/60Hz 5-Mosaic pattern

(3) Push “up” key to enter factory mode, then select OSD “AutoBl” function.

(4) Set color temperature to S-RGB, 9300, 6500, 5400, and 5000; at each setting, adjust the RGB gain and save.

(5) Select “CopyToDA”, “CopyToDD” functions.

(6) Push the 1 key to exit the OSD

(7) Execute the “All mode recall” function. (Push the 2 key + DC power on)

5.3.15 Adjust DOS Mode

(1) Set LCD Monitor to Burn In mode (Down key + 2 key + DC power on).

(2) Input Cross-hatch 640 x 350 / 70 Hz

(3) Execute auto adjust

(4) Input Cross-hatch 640 x 400 / 70 Hz

(5) Use the hot key function (“1” key + “2” key) to change mode to 640 x 400 / 70

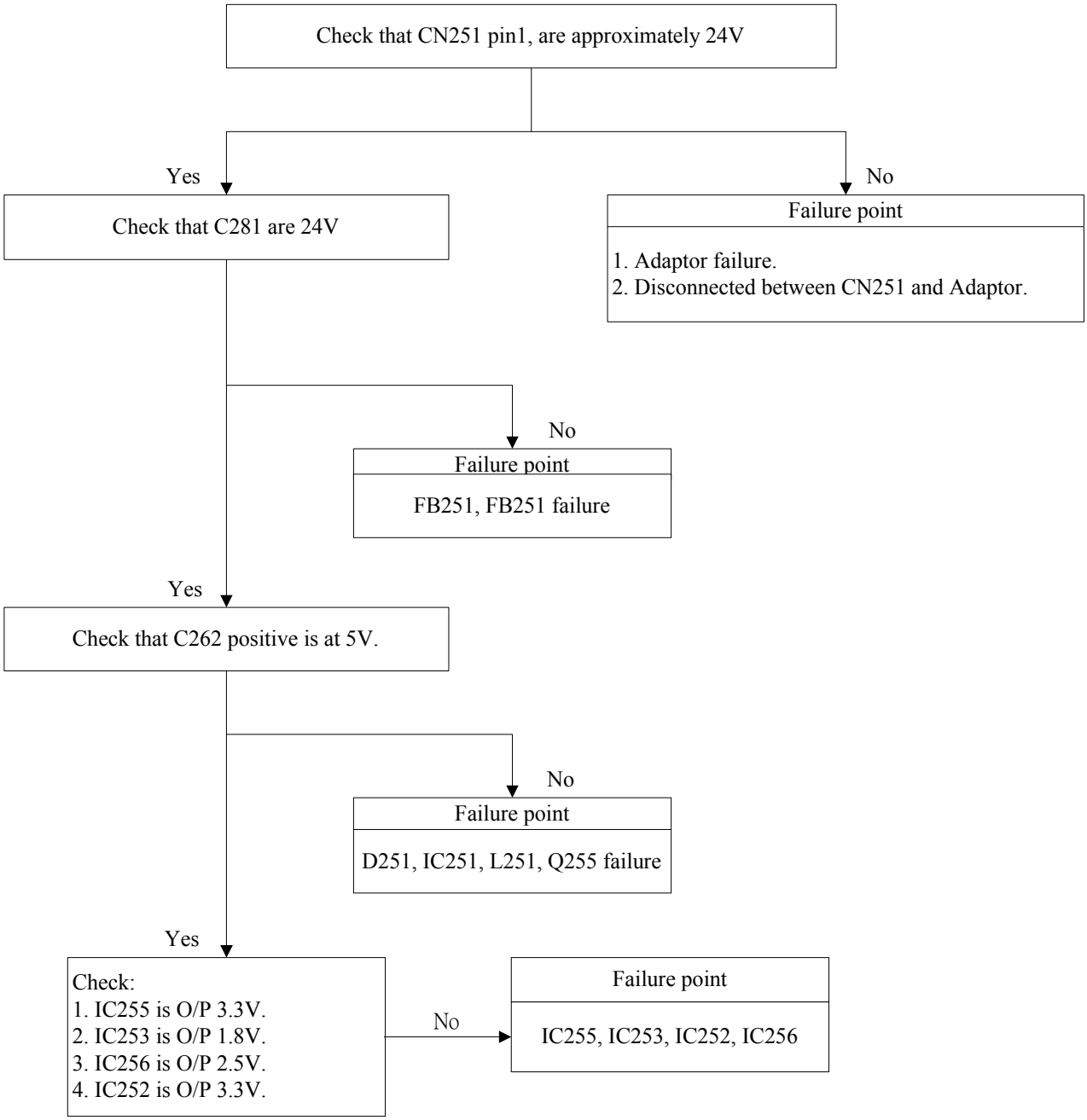
(7) Input Cross-hatch 720 x 400/ 70 Hz

(8) Use the hot key function (“1” key + “2” key) to change mode to 720 x 400 / 70

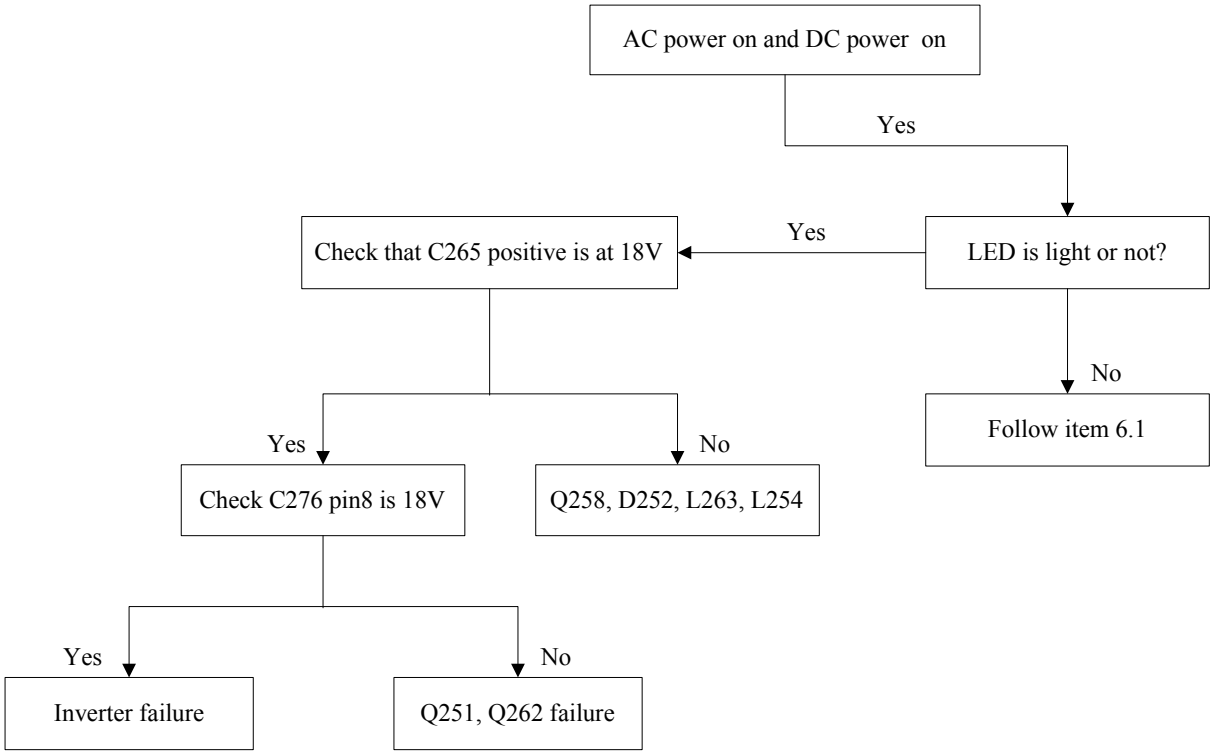
(9) Execute “All mode recall” function (push “2” key + DC power on)

6. Troubleshooting Flow Chart

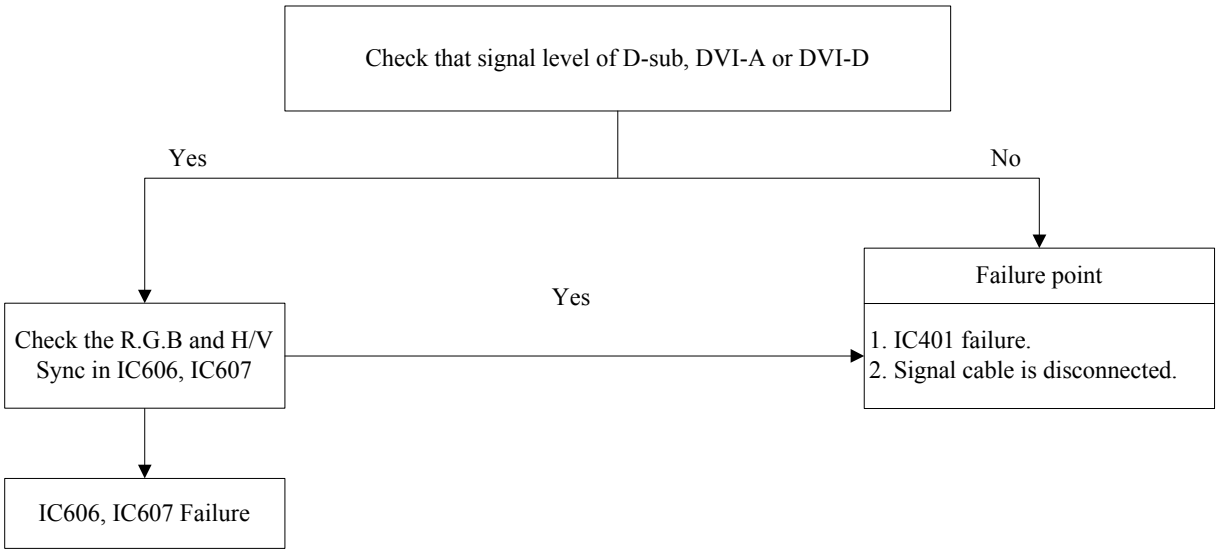
6.1 No power.



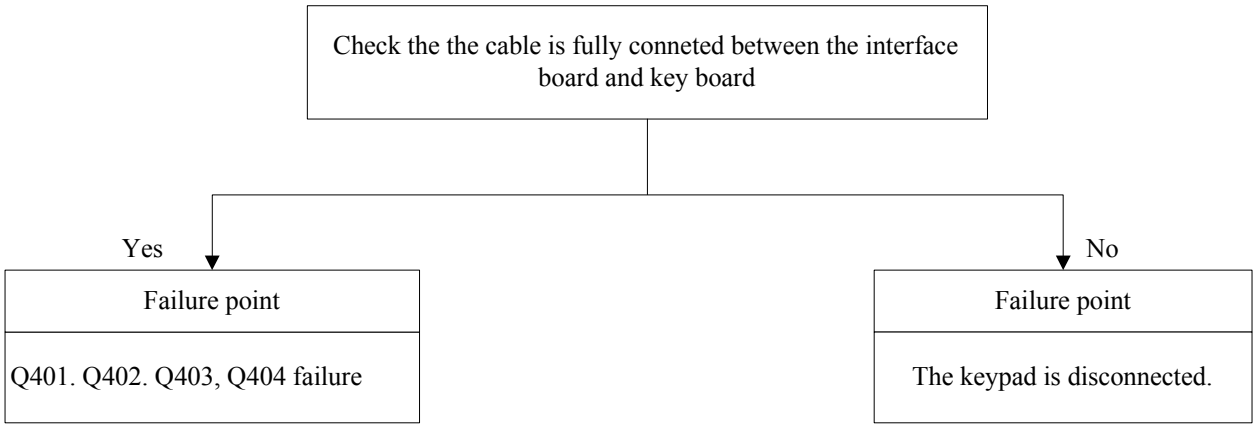
6.2 No display on screen (Screen is black, LED is off).



6.3 Show “No signal” on screen.



6.4 Keypad cannot work.


Check the the cable is fully conneted between the interface board and key board
Yes
No
Failure point
Q401. Q402. Q403, Q404 failure
Failure point
The keypad is disconnected.

7. Recommended Spare Parts List

RECOMMENDED SPARE PARTS LIST (VP201b-1 for "AUO Panel")

ViewSonic Model Number: VLCDS26064-2W

Rev: 1e

Item	Description		ECR/ECN	ViewSonic P/N	Ref. P/N	Location	Universal number#	Q'ty
1	**Accessories:**	AC POWER CORD L=1800 BLK NA #18*3C SVT C		A-PC-0106-0150	3090107601			1
2		POWER SUPPLY 60W 18V 3.33A		A-00001842	4900210180			1
3	**PC Board Assembly:**	DC-AC INVERTER FOR L20DBR		B-00001843	4900506980			1
		~~PWB ASSY I/F BD L20DBR 05FAB~~	Removed and Replaced Part 05/09/05	~~B-00001882~~	~~5600110394~~			~~1~~
4		PWB ASSY I/F BD L20DBR 05DAB		B-00002542	5600110420			1
5		SWITCH MEMBRANCE PET 99.5*9 VP181-2		M-SW-0815-0224	3000725101			1
6	**Cabinets:**	CABINET ASSY L20DBW05ABB S0LRA1AT		C-00001884	3368224100			1
7		COVER VESA ABS MIDNIGHT GRAY-2 S8LRB1LS		M-CV-0830-2442	3362010801			1
		~~F/B ASSY L20CBW05ABB S0LFA1AT~~	Removed and Replaced Part 05/09/05	~~C-00001883~~	~~3368192604~~			~~1~~
8		F/B ASSY L20DBW05DBB S0LFA1AT		C-00002551	3368321000			1
9		STAND ASSY L20CBW05ABB S8LBB1LS		C-00001885	3368990304			1
10	**Cables:**	CABLE D-SUB/D-SUB L1800 BLK OD7.5		A-VC-0101-0390	3080427000			1
11		CABLE DVI-D TO DVI-D L1800 P001		A-VC-0101-0370	3080428100			1
12		CABLE FFC 30P P1.0 L340 T1 LG		M-FC-0809-0838	3080516301			1
13		CABLE USB 2.0 A_B L1800 BLACK		M-MS-0808-8555	3080323801			1
14		WIRE WITH HOUSING 1007 #26 L25 6P		CB-00001886	3670627400			1
15		WIRE WITH HOUSING 1571 #28 L155 30P	Added 05/09/05	CB-00002544	3679046000			1
16		CARD ATTENTION SHEET 190*125 VSC-20/21	Added 05/09/05	DC-00001459	5012046900			1
17	**Documentation:**	CD-ROM VSC A-CD-VP201B-1 L20DBW		DC-00001887	3532091300			1
18		LABEL BAR CODE 124*82		M-LB-0813-0978	3200787200			1
19		LABEL HV WARNING 100*25		M-LB-0813-0714	3202310700			1
20		LABEL ID 100*50 VSC VP201B L20DBW		DC-00001889	3201985200			1
21		LABEL STICKER OD10 WHT HI-POT		M-LB-0813-0785	3200158900			1
22		LABEL USB 35*20 VSC VP SERIES		DC-00000639	3209216600			1
23		LABEL WARNING 81.7*81.7 VSC		DC-00000424	3202334500			1
24		MANUAL PACKING ASSY VSC VP201B L20DBW		DC-00001888	3532091400			1
25		NAME PLATE VSC 3-BIRD LOGO AL 11.07*7.92		M-MS-0808-8556	3200649100			1
26		PORTRAIT CD VSC A-CD-0002 V7.5 TAIWAN		A-CD-VP181S-2	3532065001			1
27	**Electronic**	CORE BEAD 40*6.5*10 W5H+TAPE		E-L-0407-1587	2921021404			1
	Components:	~~LCD 20.1" TFT PANEL UXGA~~	Removed and Replaced Part 05/09/05	~~M-LCD-0826-0205~~	~~5052000450~~			~~1~~
28		LCD 20.1" TFT LVDS UXGA		E-00002545	5052000402			1
	Hardware:	~~BRACKET PANEL ASSY L20DBR05AAB~~	Removed and Replaced Part 05/09/05	~~HW-00001890~~	~~3790196001~~			~~1~~
29		PANEL BKT ASSY L20DBR 05DAB		HW-00002547	3790188200			1
30		BRACKET PANEL SIDE-L SECC 325*30*25 T.8		M-MS-0808-8631	3460150200			1
31		BRACKET PANEL SIDE-R SECC 325*30*25 T.8		M-MS-0808-8630	3460150100			1
32		SCREW M #4-40*7 HEXH #4-40*3 S18C NI		M-SCW-0824-0690	3105051501			4
33		SCREW M M3*0.5*4 FF C S18C ZN		M-SCW-0824-0777	3105225300			6
34		SCREW M M3*0.5*6 FF C S18C ZN		M-SCW-0824-0776	3105221000			6
		~~SCREW M M3*0.5*8 FPH C S20C ZN BLK~~	Removed and Replaced Part 05/09/05	~~M-SCW-0824-0772~~	~~3100130800~~			~~4~~
35		SCREW M M3*0.5*5 PAN C S18C ZN BLK		HW-00002546	3100430500			4
36		SCREW M M4*0.7*10 FF C S18C ZN BLK NYLOK		M-SCW-0824-0775	3105123700			4
37		SCREW T M3*0.5*4 BIND C S18C ZN YEL		M-SCW-0824-0732	3109010900			4
38		SCREW T M3*0.5*6 BIND C S18C ZN YEL		M-SCW-0824-0413	3109011400			4
39		SCREW T M3*0.5*7 PAN C S+P S20C ZN		M-SCW-0824-0784	3109010700			1
40		SHIELD CAN INV SPTH 208.5*73.8*18 T.3		HW-00001848	3461226501			1
41		SHIELD CAN SPTH 289.9*150.1*41.5 T.3		HW-00001849	3461256200			1
42		WASHER SPRING SWRT		M-MS-0808-8040	3110250000			4
43	**Miscellaneous:**	CONDUCTIVE SPONGE 10*10*12		M-MS-0808-8646	3472855100			1
44		CONDUCTIVE SPONGE 30*8.5*10		M-MS-0808-8643	3472851200			1
45		CONDUCTIVE TAPE AL W50*L55 1120		M-MS-0808-8557	3240055600			1
		~~INSULATOR PC 130*118.5 T.5~~	Removed and Replaced Part 05/09/05	~~M-MS-0808-0016~~	~~3241127301~~			~~1~~
46		INSULATOR PC 130*118.5 T.43 BLK		M-00002548	3241194300			1
47		INSULATOR PC 231*13 T.5		M-MS-0808-8627	3241127400			1
48		SPONGE EVA 5.8*5 T.5 BLK		M-MS-0808-2276	3240160801			1
49		TAPE AL FOIL W=25 #80023 CATERON		M-MS-0808-1679	3222201300			0.465
50		TAPE AL FOIL W=50 TAPE AL-35FR 3M		M-00001850	3222201510			0.11
51		TAPE PE W=50 VIEWSONIC SECURITY		M-MS-0808-0918	3221903300			1.028
52		TAPE W=10 #1350F-1 3M		M-MS-0808-8202	3220133600			0.04
53		TAPE W=16 #897 3M		M-MS-0808-1680	3222400310			0.03
54		TAPE W=20 #1350F-1 3M		M-00001851	3220130800			0.062
55		TAPE W=20 #3800A NITTO		M-MS-0808-0724	3220161733			0.15
56		TAPE W=30 #10 3M		M-MS-0808-7463	3220501600			0.29
57		TAPE W=45 #7290 NITTO		M-MS-0808-7810	3220605633			0.128
58		TAPE W=76 PP47 914M 4P		M-MS-0808-4975	3221101500			0.8
59	**Packing Material:**	ANGLE PAPER 2070*55*55 T5		M-MS-0808-2815	3511208300			0.375
60		CAP PAPER 1130*1390*120		M-MS-0808-3190	3510449200			0.032
61		CAP PAPER 1130*700*120		M-MS-0808-2672	3510449300			0.063
		~~CARTON 552*337*489 VSC VP201B (DET)~~	Update Vendor P/N 05/09/05	P-BX-0601-0813	~~3512238901~~			1
62		CARTON 552*337*489 VSC VP201B			3512238902			
63		DRYER 15G 80*60		M-MS-0808-7820	3520130500			2
64		END BLOCK-BOTTOM EPS L20CBW05AAW		P-FM-0602-0592	3500105600			1
65		END BLOCK-TOP EPS L20CBW05AAW		P-FM-0602-0591	3500105500			1
66		PALLET FUMIGATE 1120*690*120		P-00001892	3524009501			0.063
67		PALLET FUMIGATE 1380*1120*120		P-00001891	3524009401			0.032
68		PE BAG 300*200*0.06T		M-MS-0808-8762	3500937501			1
69		PE BAG 740*580*.06T CLEAR		M-MS-0808-2667	3500939901			1
70		PE BAG 75*75*160L T.1		M-MS-0808-2671	3500943900			2
71		PE FILM t=0.02mm W=500		M-MS-0808-5135	3520082400			0.04
72		PLASTIC STRIP W=12 T.5 BLACK		PL-SP-0723-0002	3520142700			1

Item	Description		ECR/ECN	ViewSonic P/N	Ref. P/N	Location	Universal number#	Q'ty
73	**Plastics:**	HANDLE PE 162*40.5 T1.5 BOTTOM NO501		M-MS-0808-2660	3470903500			1
74		HANDLE PE 209*18 T1.8 TOP NO501		M-MS-0808-2662	3470903600			1
75		POWER KNOB POM M270 MIDNIGHT GRAY S8LRB1		PL-NB-0707-0192	3360624900			1
76		RUBBER PAD 25*10*1.5 BLACK STICK		M-MS-0808-5271	3240498900			1
77		RUBBER PAD 22*4 T3 BLK		PL-PD-0714-0140	3240970900			1
78		RUBBER PAD 25*25*2		PL-PD-0714-0066	3240954400			1
79		RUBBER SILICON 12*12 T5		M-MS-0808-2631	3240946900			2

RECOMMENDED SPARE PARTS LIST (VP201s-1 for "AUO V.3 Panel")

ViewSonic Model Number: VLCDS26064-4W

Rev: 1d

Item	Description		ECR/ECN	ViewSonic P/N	Ref. P/N	Location	Universal number#	Q'ty
1	**Accessories:**	AC POWER CORD L=1800 BLK NA #18*3C SVT C		A-PC-0106-0150	3090107601			1
2	**PC Board Assembly:**	DC-AC INVERTER FOR L20DBR		B-00001843	4900506980			1
3		POWER SUPPLY 60W 18V 3.33A		A-00001842	4900210180			1
4		~~PWB ASSY I/F BD L20DBR 05FAB~~	Removed and Replaced Part 05/09/05	~~B-00001882~~	~~5600110394~~			~~1~~
		PWB ASSY I/F BD L20DBR 05DAB		B-00002542	5600110420			1
5		SWITCH MEMBRANCE PET 99.5*9 VP181-2		M-SW-0815-0224	3000725101			1
6	**Cabinets:**	CABINET ASSY L20DBR05AAB S0LRA1AT		C-00001895	3368223600			1
7		COVER VESA ABS 41S8LBB1LS		M-CV-0830-2458	3361207400			1
8		~~F/B ASSY L20CBR05ADB S0LFA1AT~~	Removed and Replaced Part 05/09/05	~~C-00001893~~	~~3368197901~~			~~1~~
		F/B ASSY L20DBR05DAB S0LFA1AT		C-00002543	3368321100			1
9		STAND ASSY L20CBR05ADB S8LBB1LS		C-BS-0303-0554	3368991403			1
10	**Cables:**	CABLE D-SUB/D-SUB L1800 BLK OD7.5		A-VC-0101-0390	3080427000			1
11		CABLE DVI-D TO DVI-D L1800 P001		A-VC-0101-0370	3080428100			1
12		~~CABLE FFC 30P P1.0 L340 T1 LG~~	Removed 05/09/05	~~M-FC-0809-0838~~	~~3080516301~~			~~1~~
13		CABLE USB 2.0 A_B L1800 BLACK		M-MS-0808-8555	3080323801			1
14		WIRE WITH HOUSING 1007 #26 L25 6P		CB-00001886	3670627400			1
15		WIRE WITH HOUSING 1571 #28 L155 30P	Added 05/09/05	CB-00002544	3679046000			1
16		CARD ATTENTION SHEET 190*125 VSC-20/21	Added 05/09/05	DC-00001459	5012046900			1
17	**Documentation:**	CD-ROM VSC A-CD-VP201S-1 L20DBR		DC-00001896	3532091100			1
18		LABEL BAR CODE 124*82		M-LB-0813-0978	3200787200			1
19		LABEL HV WARNING 100*25		M-LB-0813-0714	3202310700			1
20		LABEL ID 100*50 VSC VP201S L20DBR		DC-00001897	3201985100			1
21		LABEL STICKER OD10 WHT HI-POT		M-LB-0813-0785	3200158900			1
22		LABEL USB 35*20 VSC VP SERIES		DC-00000639	3209216600			1
23		LABEL WARNING 81.7*81.7 VSC		DC-00000424	3202334500			1
24		MANUAL PACKING ASSY VSC VP201S L20DBR		DC-00001898	3532091200			1
25		PORTRAIT CD VSC A-CD-0002 V7.5 TAIWAN		A-CD-VP181S-2	3532065001			1
26	**Electronic Components:**	CORE BEAD 40*6.5*10 W5H+TAPE		E-L-0407-1587	2921021404			1
27		~~LCD 20.1" TFT PANEL UXGA~~	Removed and Replaced Part 05/09/05	~~M-LCD-0826-0205~~	~~5052000450~~			~~1~~
		LCD 20.1" TFT LVDS UXGA		E-00002545	5052000402			1
28	**Hardware:**	BRACKET PANEL ASSY L20DBR05AAB		HW-00001890	3790196001			1
29		BRACKET PANEL SIDE-L SECC 325*30*25 T.8		M-MS-0808-8631	3460150200			1
30		BRACKET PANEL SIDE-R SECC 325*30*25 T.8		M-MS-0808-8630	3460150100			1
31		SCREW M #4-40*7 HEXH #4-40*3 S18C NI		M-SCW-0824-0690	3105051501			4
32		SCREW M M3*0.5*4 FF C S18C ZN		M-SCW-0824-0777	3105225300			6
33		SCREW M M3*0.5*6 FF C S18C ZN		M-SCW-0824-0776	3105221000			6
34		~~SCREW M M3*0.5*8 FPH C S20C ZN BLK~~	Removed and Replaced Part 05/09/05	~~M-SCW-0824-0772~~	~~3100130800~~			~~4~~
		SCREW M M3*0.5*5 PAN C S18C ZN BLK		HW-00002546	3100430500			4
35		SCREW M M4*0.7*10 FF C S18C ZN BLK NYLOK		M-SCW-0824-0775	3105123700			4
36		SCREW T M3*0.5*4 BIND C S18C ZN YEL		M-SCW-0824-0732	3109010900			4
37		SCREW T M3*0.5*6 BIND C S18C ZN YEL		M-SCW-0824-0413	3109011400			4
38		SCREW T M3*0.5*7 PAN C S+P S20C ZN		M-SCW-0824-0784	3109010700			1
39		SHIELD CAN INV SPTH 208.5*73.8*18 T.3		HW-00001848	3461226501			1
40		SHIELD CAN SPTH 289.9*150.1*41.5 T.3		HW-00001849	3461256200			1
41		WASHER SPRING SWRT		M-MS-0808-8040	3110250000			4
42		PANEL BKT ASSY L20DBR 05DAB	Added 05/09/05	HW-00002547	3790188200			1
43	**Miscellaneous:**	CONDUCTIVE AL 15*25 T0.06		M-MS-0808-8640	3463000700			1
44		CONDUCTIVE SPONGE 10*10*12		M-MS-0808-8646	3472855100			1
45		CONDUCTIVE SPONGE 30*8.5*10		M-MS-0808-8643	3472851200			1
46		CONDUCTIVE TAPE AL W50*L55 1120		M-MS-0808-8557	3240055600			1
47		~~INSULATOR PC 130*118.5 T.5~~	Removed and Replaced Part 05/09/05	~~M-MS-0808-0016~~	~~3241127301~~			~~1~~
		INSULATOR PC 130*118.5 T.43 BLK		M-00002548	3241194300			1
48		INSULATOR PC 231*13 T.5		M-MS-0808-8627	3241127400			1
49		SPONGE EVA 5.8*5 T.5 BLK		M-MS-0808-2276	3240160801			1
50		TAPE AL FOIL W=25 #80023 CATERON		M-MS-0808-1679	3222201300			0.465
51		TAPE AL FOIL W=50 TAPE AL-35FR 3M		M-00001850	3222201510			0.11
52		TAPE PE W=50 VIEWSONIC SECURITY		M-MS-0808-0918	3221903300			1.028
53		TAPE W=10 #1350F-1 3M		M-MS-0808-8202	3220133600			0.04
54		TAPE W=16 #897 3M		M-MS-0808-1680	3222400310			0.03
55		TAPE W=20 #1350F-1 3M		M-00001851	3220130800			0.062
56		TAPE W=20 #3800A NITTO		M-MS-0808-0724	3220161733			0.15
57		~~TAPE W=28 CM34 4P~~	Removed 05/09/05	~~M-00001899~~	~~3220601000~~			~~0.1~~
58		TAPE W=30 #10 3M		M-MS-0808-7463	3220501600			0.29
59		TAPE W=45 #7290 NITTO		M-MS-0808-7810	3220605633			0.128
60		TAPE W=76 PP47 914M 4P		M-MS-0808-4975	3221101500			0.8
61	**Packing Material:**	ANGLE PAPER 2070*55*55 T5		M-MS-0808-2815	3511208300			0.375
62		CAP PAPER 1130*1390*120		M-MS-0808-3190	3510449200			0.032
63		CAP PAPER 1130*700*120		M-MS-0808-2672	3510449300			0.063
64		CARTON 552*337*489 VSC VP201S	Update Vendor P/N	P-BX-0601-0877	~~3512244600~~ 3512244601			1
65		DRYER 15G 80*60		M-MS-0808-7820	3520130500			2
66		END BLOCK-BOTTOM EPS L20CBW05AAW		P-FM-0602-0592	3500105600			1
67		END BLOCK-TOP EPS L20CBW05AAW		P-FM-0602-0591	3500105500			1
68		PALLET FUMIGATE 1120*690*120		P-00001892	3524009501			0.063
69		PALLET FUMIGATE 1380*1120*120		P-00001891	3524009401			0.032
70		PE BAG 300*200*0.06T		M-MS-0808-8762	3500937501			1
71		PE BAG 740*580*.06T CLEAR		M-MS-0808-2667	3500939901			1
72		PE BAG 75*75*160L T.1		M-MS-0808-2671	3500943900			2
73		PE FILM t=0.02mm W=500		M-MS-0808-5135	3520082400			0.04
74		PLASTIC STRIP W=12 T.5 BLACK		PL-SP-0723-0002	3520142700			1

Item	Description		ECR/ECN	ViewSonic P/N	Ref. P/N	Location	Universal number#	Q'ty
75	**Plastics:**	HANDLE PE 162*40.5 T1.5 BOTTOM NO501		M-MS-0808-2660	3470903500			1
76		HANDLE PE 209*18 T1.8 TOP NO501		M-MS-0808-2662	3470903600			1
77		NAME PLATE VSC 3-BIRD LOGO AL 11.07*7.92		M-MS-0808-8556	3200649100			1
78		POWER KNOB POM 901U 5140 S8LFB1LS		PL-NB-0707-1075	3360627100			1
79		RUBBER PAD 22*4 T3 BLK		PL-PD-0714-0140	3240970900			1
80		RUBBER PAD 25*25*2		PL-PD-0714-0066	3240954400			1
81		RUBBER SILICON 12*12 T5		M-MS-0808-2631	3240946900			2

BOM LIST (VP201b-1 for "AUO Panel")

ViewSonic Model Number: VLCDS26064-2W

Rev: 1c

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty	Unit
1	E-L-0407-1587	2921021404	CORE BEAD 40*6.5*10 W5H+TAPE		1	PCE
2	E-L-0407-1587	2921021437	CORE BEAD 40*6.5*10 A5 +TAPE		0	PCE
3	M-SW-0815-0224	3000725101	SWITCH MEMBRANCE PET 99.5*9 VP181-2		1	PCE
4	M-MS-0808-8555	3080323801	CABLE USB 2.0 A_B L1800 BLACK		1	PCE
5	A-VC-0101-0390	3080427000	CABLE D-SUB/D-SUB L1800 BLK OD7.5		1	PCE
6	A-VC-0101-0370	3080428100	CABLE DVI-D TO DVI-D L1800 P001		1	PCE
7	A-PC-0106-0150	3090107601	AC POWER CORD L=1800 BLK NA #18*3C SVT C		1	PCE
8	HW-00002546	3100430500	SCREW M M3*0.5*5 PAN C S18C ZN BLK		4	PCE
9	M-SCW-0824-0690	3105051501	SCREW M #4-40*7 HEXH #4-40*3 S18C NI		4	PCE
10	M-SCW-0824-0775	3105123700	SCREW M M4*0.7*10 FF C S18C ZN BLK NYLOK		4	PCE
11	M-SCW-0824-0776	3105221000	SCREW M M3*0.5*6 FF C S18C ZN		6	PCE
12	M-SCW-0824-0777	3105225300	SCREW M M3*0.5*4 FF C S18C ZN		6	PCE
13	M-SCW-0824-0784	3109010700	SCREW T M3*0.5*7 PAN C S+P S20C ZN		1	PCE
14	M-SCW-0824-0732	3109010900	SCREW T M3*0.5*4 BIND C S18C ZN YEL		4	PCE
15	M-SCW-0824-0413	3109011400	SCREW T M3*0.5*6 BIND C S18C ZN YEL		4	PCE
16	M-MS-0808-8040	3110250000	WASHER SPRING SWRT		4	PCE
17	M-LB-0813-0785	3200158900	LABEL STICKER OD10 WHT HI-POT		1	PCE
18	M-LB-0813-0712	3200449700	LABEL WARING		0	PCE
19	M-MS-0808-8556	3200649100	NAME PLATE VSC 3-BIRD LOGO AL 11.07*7.92		1	PCE
20	M-LB-0813-0978	3200787200	LABEL BAR CODE 124*82		1	PCE
21	DC-00001889	3201985200	LABEL ID 100*50 VSC VP201B L20DBW		1	PCE
22	M-LB-0813-0714	3202310700	LABEL HV WARNING 100*25		1	PCE
23	DC-00000424	3202334500	LABEL WARNING 81.7*81.7 VSC		1	PCE
24	DC-00000639	3209216600	LABEL USB 35*20 VSC VP SERIES		1	PCE
25	M-MS-0808-8624	3211030700	MYLAR FILM 430*330 T.1 L20CBR05ACA		0	PCE
26	#N/A	3220130500	TAPE W=17 #1350F-1 3M		0.05	MTR
27	M-00001851	3220130800	TAPE W=20 #1350F-1 3M		0.062	MTR
28	M-MS-0808-7011	3220131000	TAPE W=23 #1350F-1 3M		0.05	MTR
29	M-MS-0808-8202	3220133600	TAPE W=10 #1350F-1 3M		0.04	MTR
30	M-MS-0808-0724	3220161733	TAPE W=20 #3800A NITTO		0.15	MTR
31	M-MS-0808-7463	3220501600	TAPE W=30 #10 3M		0.29	MTR
32	M-MS-0808-7810	3220605633	TAPE W=45 #7290 NITTO		0.128	MTR
33	M-MS-0808-4975	3221101500	TAPE W=76 PP47 914M 4P		0.8	MTR
34	M-MS-0808-0918	3221903300	TAPE PE W=50 VIEWSONIC SECURITY		1.028	MTR
35	M-MS-0808-1679	3222201300	TAPE AL FOIL W=25 #80023 CATERON		0.465	MTR
36	M-00001850	3222201510	TAPE AL FOIL W=50 TAPE AL-35FR 3M		0.11	MTR
37	M-MS-0808-1680	3222400310	TAPE W=16 #897 3M		0.03	MTR
38	M-MS-0808-8557	3240055600	CONDUCTIVE TAPE AL W50*L55 1120		1	PCE
39	M-MS-0808-2276	3240160801	SPONGE EVA 5.8*5 T.5 BLK		1	PCE
40	M-MS-0808-5271	3240498900	RUBBER PAD 25*10*1.5 BLACK STICK		1	PCE
41	M-MS-0808-2631	3240946900	RUBBER SILICON 12*12 T5		2	PCE
42	PL-PD-0714-0066	3240954400	RUBBER PAD 25*25*2		1	PCE
43	PL-PD-0714-0140	3240970900	RUBBER PAD 22*4 T3 BLK		1	PCE
44	M-MS-0808-8627	3241127400	INSULATOR PC 231*13 T.5		1	PCE
45	M-00002548	3241194300	INSULATOR PC 130*118.5 T.43 BLK		1	PCE
46	PL-NB-0707-0192	3360624900	POWER KNOB POM M270 MIDNIGHT GRAY S8LRB1		1	PCE
47	M-CV-0830-2446	3362010801	COVER VESA ABS MIDNIGHT GRAY-2 S8LRB1LS		1	PCE
48	#N/A	4020374207	PLASTIC ABS 94HB MIDNIGHT GRAY-2 D-180		64	GRM
49	#N/A	4020374208	PLASTIC ABS 94HB MIDNIGHT GRAY-2 HF-380		0	GRM
50	#N/A	4020374209	PLASTIC ABS 94HB MIDNIGHT GRAY-2 SD-0150		0	GRM
51	#N/A	4020374214	PLASTIC ABS 94HB MIDNIGHT GRAY-2 PA-707		0	GRM
52	C-00001884	3368224100	CABINET ASSY L20DBW05ABB S0LRA1AT		1	PCE
53	M-MS-0808-8622	3200649200	NAME PLATE VIEWSONIC ABS 82.83*34.98		1	PCE
54	#N/A	4020374207	PLASTIC ABS 94HB MIDNIGHT GRAY-2 D-180		4	GRM
55	#N/A	4020374208	PLASTIC ABS 94HB MIDNIGHT GRAY-2 HF-380		0	GRM
56	#N/A	4020374209	PLASTIC ABS 94HB MIDNIGHT GRAY-2 SD-0150		0	GRM
57	#N/A	4020374214	PLASTIC ABS 94HB MIDNIGHT GRAY-2 PA-707		0	GRM
58	#N/A	3360257200	CABINET BACK ABS MIDNIGHT GRAY-2 S0LRA1A		1	PCE
59	#N/A	4020374207	PLASTIC ABS 94HB MIDNIGHT GRAY-2 D-180		520	GRM
60	#N/A	4020374208	PLASTIC ABS 94HB MIDNIGHT GRAY-2 HF-380		0	GRM
61	#N/A	4020374209	PLASTIC ABS 94HB MIDNIGHT GRAY-2 SD-0150		0	GRM
62	#N/A	4020374214	PLASTIC ABS 94HB MIDNIGHT GRAY-2 PA-707		0	GRM
63	M-MS-0808-8561	3460146100	BRACKET VESA SECC 110*20 T1		1	PCE
64	M-MS-0808-8563	3460146300	BRACKET KEYLOCK SECC 20.4*16.45*4.9 T.6		1	PCE
65	C-00002551	3368321000	F/B ASSY L20DBW05DBB S0LFA1AT		1	PCE
66	M-MS-0808-8559	3360506800	LED LENS ABS 1865-12 S8LRB1LS		1	PCE
67	#N/A	4020370614	PLASTIC ABS 94HB 1865-12 PA-758		0.1	GRM
68	#N/A	3361502000	F/B ABS MIDNIGHT GRAY-2 VP201B S0LFA1AT		1	PCE
69	#N/A	4020372907	PLASTIC ABS 94HB 5140 D-180		160	GRM
70	#N/A	4020372908	PLASTIC ABS 94HB 5140 HF-380		0	GRM
71	#N/A	4020372909	PLASTIC ABS 94HB 5140 SD-0150		0	GRM
72	#N/A	4020372914	PLASTIC ABS 94HB 5140 PA-757		0	GRM
73	C-00001885	3368990304	STAND ASSY L20CBW05ABB S8LBB1LS		1	PCE
74	M-SCW-0824-0781	3105127100	SCREW M M4*0.7*12 FF C S18C ZN NL		4	PCE
75	M-SCW-0824-0778	3105229400	SCREW M M3*0.5*10 FF C S18C ZN		1	PCE
76	M-SCW-0824-0782	3105280200	SCREW M M3*0.5*4 FF C S18C ZN BLK		2	PCE
77	M-SCW-0824-0779	3109017700	SCREW T M3*2.7*7.5 FF C S18C ZN YEL		2	PCE

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty	Unit
78	M-SCW-0824-0780	3109019100	SCREW T M3*2.7*7.2 FLAT C S18C ZN YEL		4	PCE
79	M-CV-0830-2443	3361204901	COVER STAND FRONT ABS MIDNIGHT GRAY-2 S8		1	PCE
80	#N/A	4020374207	PLASTIC ABS 94HB MIDNIGHT GRAY-2 D-180		49	GRM
81	#N/A	4020374208	PLASTIC ABS 94HB MIDNIGHT GRAY-2 HF-380		0	GRM
82	#N/A	4020374209	PLASTIC ABS 94HB MIDNIGHT GRAY-2 SD-0150		0	GRM
83	#N/A	4020374214	PLASTIC ABS 94HB MIDNIGHT GRAY-2 PA-707		0	GRM
84	M-CV-0830-2444	3361205101	COVER STAND REAR ABS MIDNIGHT GRAY-2 S8L		1	PCE
85	#N/A	4020374207	PLASTIC ABS 94HB MIDNIGHT GRAY-2 D-180		37	GRM
86	#N/A	4020374208	PLASTIC ABS 94HB MIDNIGHT GRAY-2 HF-380		0	GRM
87	#N/A	4020374209	PLASTIC ABS 94HB MIDNIGHT GRAY-2 SD-0150		0	GRM
88	#N/A	4020374214	PLASTIC ABS 94HB MIDNIGHT GRAY-2 PA-707		0	GRM
89	M-CV-0830-2439	3361205201	COVER BASE ABS MIDNIGHT GRAY-2 S8LBB1LS		1	PCE
90	#N/A	4020374207	PLASTIC ABS 94HB MIDNIGHT GRAY-2 D-180		20	GRM
91	#N/A	4020374208	PLASTIC ABS 94HB MIDNIGHT GRAY-2 HF-380		0	GRM
92	#N/A	4020374209	PLASTIC ABS 94HB MIDNIGHT GRAY-2 SD-0150		0	GRM
93	#N/A	4020374214	PLASTIC ABS 94HB MIDNIGHT GRAY-2 PA-707		0	GRM
94	M-CV-0830-2440	3361205300	COVER HINGE1 ABS MIDNIGHT GRAY S8LBB1LS		1	PCE
95	#N/A	4020374207	PLASTIC ABS 94HB MIDNIGHT GRAY-2 D-180		30	GRM
96	#N/A	4020374208	PLASTIC ABS 94HB MIDNIGHT GRAY-2 HF-380		0	GRM
97	#N/A	4020374209	PLASTIC ABS 94HB MIDNIGHT GRAY-2 SD-0150		0	GRM
98	#N/A	4020374214	PLASTIC ABS 94HB MIDNIGHT GRAY-2 PA-707		0	GRM
99	M-CV-0830-2441	3361205402	COVER HINGE ABS MIDNIGHT GRAY-2 S8LRB1LS		1	PCE
100	#N/A	4020374207	PLASTIC ABS 94HB MIDNIGHT GRAY-2 D-180		7.5	GRM
101	#N/A	4020374208	PLASTIC ABS 94HB MIDNIGHT GRAY-2 HF-380		0	GRM
102	#N/A	4020374209	PLASTIC ABS 94HB MIDNIGHT GRAY-2 SD-0150		0	GRM
103	#N/A	4020374214	PLASTIC ABS 94HB MIDNIGHT GRAY-2 PA-707		0	GRM
104	#N/A	3368230302	BASE BOTTOM ASSY L20CBW05ABB S0LBB1AT		1	PCE
105	M-SCW-0824-0773	3105034400	SCREW M M3*0.5*6 FLAT C S20C ZN NL(P)		6	PCE
106	M-SCW-0824-0779	3109017700	SCREW T M3*2.7*7.5 FF C S18C ZN YEL		2	PCE
107	M-SCW-0824-0780	3109019100	SCREW T M3*2.7*7.2 FLAT C S18C ZN YEL		2	PCE
108	M-CV-0830-2445	3361207000	COVER STAND BOTTOM ABS MIDNIGHT GRAY S0L		1	PCE
109	#N/A	4020374207	PLASTIC ABS 94HB MIDNIGHT GRAY-2 D-180		209	GRM
110	#N/A	4020374208	PLASTIC ABS 94HB MIDNIGHT GRAY-2 HF-380		0	GRM
111	#N/A	4020374209	PLASTIC ABS 94HB MIDNIGHT GRAY-2 SD-0150		0	GRM
112	#N/A	4020374214	PLASTIC ABS 94HB MIDNIGHT GRAY-2 PA-707		0	GRM
113	#N/A	3790184301	BKT BASE ASSY L20CBR05ACB		1	PCE
114	M-SCW-0824-0773	3105034400	SCREW M M3*0.5*6 FLAT C S20C ZN NL(P)		2	PCE
115	PL-PD-0714-0100	3240957000	RUBBER PAD OD20 T4 BLACK		2	PCE
116	PL-PD-0714-0101	3240968900	RUBBER PAD 20*20 T3 BLK		1	PCE
117	M-MS-0808-8632	3460150703	BRACKET BASE2 SECC 173*190.4 T2 VP201		1	PCE
118	M-MS-0808-8635	3460151002	BRACKET BASE3 SECC 173*190.4 T2 VP201		1	PCE
119	M-MS-0808-8636	3460151102	BRACKET BASE1 SECC 173*190.4 T2 VP201		1	PCE
120	#N/A	3790184400	BKT BASE FOOT ASSY L20CBR05ACB		2	PCE
121	M-SCW-0824-0783	3105280400	SCREW M M3*0.5*4 FLAT C S20C ZN NL		2	PCE
122	PL-PD-0714-0100	3240957000	RUBBER PAD OD20 T4 BLACK		1	PCE
123	M-MS-0808-8633	3460150801	BRACKET BASE FOOT1 SECC 195.3*62.5 T2 VP		1	PCE
124	M-MS-0808-8634	3460150902	BRACKET BASE FOOT2 SECC 195.3*62.5 T2 VP		1	PCE
125	M-MS-0808-8639	3461752201	HINGE SECC 312.5*51.82 L20CBW05ABB		1	PCE
126	M-MS-0808-8573	3470307501	WIRE SADDLE NYLON66 94V2 MIDNIGHT GRAY		3	PCE
127	M-MS-0808-8630	3460150100	BRACKET PANEL SIDE-R SECC 325*30*25 T.8		1	PCE
128	M-MS-0808-8631	3460150200	BRACKET PANEL SIDE-L SECC 325*30*25 T.8		1	PCE
129	HW-00001848	3461226501	SHIELD CAN INV SPTH 208.5*73.8*18 T.3		1	PCE
130	HW-00001849	3461256200	SHIELD CAN SPTH 289.9*150.1*41.5 T.3		1	PCE
131	M-MS-0808-2660	3470903500	HANDLE PE 162*40.5 T1.5 BOTTOM NO501		1	PCE
132	M-MS-0808-2662	3470903600	HANDLE PE 209*18 T1.8 TOP NO501		1	PCE
133	M-MS-0808-8643	3472851200	CONDUCTIVE SPONGE 30*8.5*10		1	PCE
134	M-MS-0808-8646	3472855100	CONDUCTIVE SPONGE 10*10*12		1	PCE
135	P-FM-0602-0591	3500105500	END BLOCK-TOP EPS L20CBW05AAW		1	PCE
136	P-FM-0602-0591	3500105600	END BLOCK-BOTTOM EPS L20CBW05AAW		1	PCE
137	M-MS-0808-8762	3500937501	PE BAG 300*200*0.06T		1	PCE
138	M-MS-0808-2667	3500939901	PE BAG 740*580*.06T CLEAR		1	PCE
139	M-MS-0808-2671	3500943900	PE BAG 75*75*160L T.1		2	PCE
140	M-MS-0808-3190	3510449200	CAP PAPER 1130*1390*120		0.032	PCE
141	M-MS-0808-2672	3510449300	CAP PAPER 1130*700*120		0.063	PCE
142	M-MS-0808-2815	3511208300	ANGLE PAPER 2070*55*55 T5		0.375	PCE
143	P-BX-0601-0813	3512238902	CARTON 552*337*489 VSC VP201B		1	PCE
144	M-MS-0808-5135	3520082400	PE FILM t=0.02mm W=500		0.04	KGM
145	M-MS-0808-7820	3520130500	DRYER 15G 80*60		2	PCE
146	PL-SP-0723-0002	3520142700	PLASTIC STRIP W=12 T.5 BLACK		1	MTR
147	P-00001891	3524009401	PALLET FUMIGATE 1380*1120*120		0.032	PCE
148	P-00001892	3524009501	PALLET FUMIGATE 1120*690*120		0.063	PCE
149	M-MS-0808-3275	3524009601	PALLET FUMIGATE 1120*1380*120		0	PCE
150	M-MS-0808-3374	3524009701	PALLET FUMIGATE 1120*690*120		0	PCE
151	A-CD-VP181S-2	3532065001	PORTRAIT CD VSC A-CD-0002 V7.5 TAIWAN		1	PCE
152	DC-00001887	3532091300	CD-ROM VSC A-CD-VP201B-1 L20DBW		1	PCE
153	DC-00001888	3532091400	MANUAL PACKING ASSY VSC VP201B L20DBW		1	PCE
154	M-MS-0808-8396	3520094201	PE BAG 260*155*0.1T		1	PCE
155	#N/A	5010009200	MANUAL QSG VP201B L20DBW		1	PCE
156	CB-00001886	3670627400	WIRE WITH HOUSING 1007 #26 L25 6P		1	PCE
157	CB-00002544	3679046000	WIRE WITH HOUSING 1571 #28 L155 30P		1	PCE
158	HW-00002547	3790188200	PANEL BKT ASSY L20DBR 05DAB		1	PCE

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty	Unit
159	M-MS-0808-8628	3460149900	BRACKET IF&POWER SECC 95*39.2 T.8		1	PCE
160	HW-00002550	3460213800	BRACKET PANEL SECC 433.4*171.3*8.1 T.8		1	PCE
161	A-00001842	4900210180	POWER SUPPLY 60W 18V 3.33A		1	PCE
162	E-R-0405-3195	0013102000	RES CF 1/4W 1K J	R117	1	PCE
163	#N/A	0013272000	RES CF 1/4W 2.7K J	R115	1	PCE
164	E-R-0405-3210	0013472000	RES CF 1/4W 4.7K J	R104	1	PCE
165	#N/A	0013824000	RES CF 1/4W 820K J	R103	1	PCE
166	#N/A	0133369000	RES MOF 1W .36 J	R114	1	PCE
167	#N/A	0311059000	RES CH 1/4W 10K F 1206	R205	1	PCE
168	#N/A	0311081000	RES CH 1/4W 61.9K F 1206	R204	1	PCE
169	E-R-0405-7124	0313000000	RES CH 1/4W ZERO J 1206	J1,J3,R206	3	PCE
170	#N/A	0313101000	RES CH 1/4W 100 J 1206	R201,R202	2	PCE
171	#N/A	0313102000	RES CH 1/4W 1K J 1206	R208	1	PCE
172	#N/A	0313104000	RES CH 1/4W 100K J 1206	R113,R119	2	PCE
173	#N/A	0313125000	RES CH 1/4W 1.2M J 1206	R101,R102	2	PCE
174	#N/A	0313151000	RES CH 1/4W 150 J 1206	R120,R121,R122	3	PCE
175	#N/A	0313152000	RES CH 1/4W 1.5K J 1206	R118	1	PCE
176	#N/A	0313183000	RES CH 1/4W 18K J 1206	R107,R108,R109	3	PCE
177	#N/A	0313200000	RES CH 1/4W 20 J 1206	R110	1	PCE
178	#N/A	0313302000	RES CH 1/4W 3K J 1206	R111	1	PCE
179	#N/A	0313510000	RES CH 1/4W 51 J 1206	R123	1	PCE
180	#N/A	0313515000	RES CH 1/4W 5.1M J 1206	R105,R106	2	PCE
181	#N/A	0313681000	RES CH 1/4W 680 J 1206	R207	1	PCE
182	#N/A	0313753000	RES CH 1/4W 75K J 1206	R116	1	PCE
183	#N/A	0855340721	FUSE TSC 4A 250V UL VDE 11*4 PIG	F101	1	PCE
184	#N/A	0910500316	RES NTC 5 L 4A	TH101	1	PCE
185	#N/A	0914740111	RES NTC 470K J 5200+-7%	TH102	1	PCE
186	#N/A	0914740116	RES NTC 470K J 5200+-7%	TH102	0	PCE
187	#N/A	0914740216	RES NTC 470K J 5200 +-3%	TH102	0	PCE
188	#N/A	0923210016	VARISTOR 320VAC 92J 3500A	Z101	1	PCE
189	#N/A	0923210041	VARISTOR 320VAC 71J 2000A	Z101	0	PCE
190	#N/A	0923210045	VARISTOR 320VAC 70J 2500A	Z101	0	PCE
191	#N/A	1101030027	CAP Y CD 250VAC 100P K B I	CY101,CY102	2	PCE
192	#N/A	1101030032	CAP Y CD 250VAC 100P K B I	CY101,CY102	0	PCE
193	#N/A	1101030033	CAP Y CD 250VAC 100P M B I	CY101,CY102	0	PCE
194	E-C-0404-4690	1101346027	CAP Y CD 250VAC 2.2KP M E II	CY103	1	PCE
195	E-C-0404-4690	1101346032	CAP Y CD 250VAC 2.2KP M E II	CY103	0	PCE
196	#N/A	1140745800	CAP CD 1KV 1KP K X7R TP5	C109,C201	2	PCE
197	#N/A	1200758000	CAP MO DP 50V .1U K X7R TP R	C205	1	PCE
198	#N/A	144146819103	CAP AL 25V 680U M 10*16 TP5	C202,C203,C204	0	PCE
199	#N/A	144146819107	CAP AL 25V 680U M 10*16 TP5	C202,C203,C204	3	PCE
200	E-C-0404-3852	144162201400	CAP AL 50V 22U M 5*11 TP5	C105	1	PCE
201	#N/A	144164701400	CAP AL 50V 47U M 6.3*11 TP5	C108	1	PCE
202	#N/A	145401510005	CAP AL 400V 150U M 18*35.5	C101	1	PCE
203	#N/A	145401510033	CAP AL 400V 150U M 18*35.5	C101	0	PCE
204	#N/A	1511456100	CAP MC CP 50V .022U J X7R 0805	C103	1	PCE
205	#N/A	1511530200	CAP MC CP 50V 100P J C0G 1206	C102	1	PCE
206	#N/A	1512458100	CAP MC CP 50V .1U K X7R 0805	C104,C106,C107,C206	4	PCE
207	#N/A	1604315524	CAP X MP PC 275VAC .47U K P15	CX101	1	PCE
208	#N/A	1604315537	CAP X MP PC 275VAC .47U M P15	CX101	0	PCE
209	#N/A	1604315538	CAP X MP PC 275VAC .47U K P15	CX101	0	PCE
210	#N/A	1604315550	CAP X MP PC 275VAC .47U K P15	CX101	0	PCE
211	E-D-0403-1395	200131610020	DIO BRD 4A 600V 3S(KBJ)	CR101	1	PCE
212	#N/A	200131610023	DIO BRD 4A 600V GSIB-3G(KBJ)	CR101	0	PCE
213	#N/A	201300570415	DIO FRD 1A 200V DO-41 50nS	D106	1	PCE
214	#N/A	201300570423	DIO FRD 1A 200V DO-204AL(DO-41) 50nS	D106	0	PCE
215	E-D-0403-2025	201330630007	EOL DIO FRD 1A 1000V SOD57 75NS	D101	1	PCE
216	#N/A	201330630031	DIO FRD 1A 1000V SOD57 75nS	D101	0	PCE
217	#N/A	202003670008	DIO SBD 20A 150V TO-220AB C.C.	D201,D202	2	PCE
218	E-D-0403-1980	203322730311	DIO ZEN 0.5W 23.6-24.7V DO-35	D110	1	PCE
219	#N/A	203322730331	DIO ZEN 0.5W 23.6-24.7V DO-35	D110	0	PCE
220	#N/A	203812540231	DIO ZEN 0.5W 4.94-5.20V MINIMELF	D109	1	PCE
221	#N/A	203812540236	DIO ZEN 0.5W 4.94-5.20V LLDS(MINIMELF)	D109	0	PCE
222	E-D-0403-2133	203812670331	DIO ZEN 0.5W 17.42-18.33V MINIMELF	D108	1	PCE
223	E-D-0403-2134	203812670336	DIO ZEN 0.5W 17.42-18.33V LLDS(MINIMELF)	D108	0	PCE
224	#N/A	203812710131	DIO ZEN 0.5W 20.64-21.71V MINIMELF	D107	1	PCE
225	#N/A	203812710136	DIO ZEN 0.5W 20.64-21.71V LLDS(MINIMELF)	D107	0	PCE
226	#N/A	204810750107	DIO SW 0.2A 75V SOD80C(MINIMELF)	D103,D104,D105	3	PCE
227	E-D-0403-2046	204810750131	DIO SW 0.15A 75V MINIMELF	D103,D104,D105	0	PCE
228	#N/A	204812000207	DIO SW 0.25A 200V SOD-80C (MINIMELF)	D102	1	PCE
229	#N/A	204812000223	DIO SW 0.25A 200V MINIMELF	D102	0	PCE
230	#N/A	204812000231	DIO SW 0.25A 200V MINIMELF	D102	0	PCE
231	E-Q-0402-7019	210522000505	TR 40V 0.6A SOT-23 80	Q102	0	PCE
232	#N/A	210522000507	TR 40V 0.6A SOT-23 80	Q102	1	PCE
233	#N/A	2310040207	PHOTO 70V 4PIN 160-320% 10.16mm	IC102	1	PCE
234	#N/A	242017400206	FET 600V 10A 0.75ohm SC-67	Q101	1	PCE
235	#N/A	2500004210	IC VOL ADJ 37V 2.5V 1% T92	IC201	1	PCE
236	#N/A	2500004213	IC VOL ADJ 37V 2.5V 1% T92	IC201	0	PCE
237	#N/A	2500004214	IC VOL ADJ 37V 2.5V 1% T92	IC201	0	PCE
238	#N/A	2633001811	IC ASIC SO-8PIN	IC101	1	PCE
239	#N/A	2808312601	TRANSFORMER SMT 480UH J	T101	0	PCE

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty	Unit
240	#N/A	2811100380	TRANSFORMER SMT 0.48MH J	T101	1	PCE
241	#N/A	2817186980	LINE FILTER T10 638uH MIN	FL101	1	PCE
242	#N/A	2817242080	LINE FILTER T16 17.5mH MIN	FL102	1	PCE
243	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	FB101,FB102,FB103,FB104	4	PCE
244	#N/A	2970046403	PWB S 0 E1 CEM-1 118.5*115*1.6(POWER BD)		1	PCE
245	#N/A	3100000900	SCREW M M3*0.5*9 FLAT C S20C ZN		1	PCE
246	#N/A	3100030700	SCREW M M3*0.5*7 FLAT C S20C ZN BLK		2	PCE
247	M-MS-0808-9125	3110110900	NUT M3*0.5 AISI1018		3	PCE
248	#N/A	3341728501	HSK AL T=1.5 93.5*28		1	PCE
249	#N/A	3341728600	HSK AL T=1.5 70.5*17		1	PCE
250	M-WR-0828-0344	3411000200	JUMP WIRE COPPER 0.6*5.0*4.0	L201	1	PCE
251	M-WR-0828-0249	3411000400	JUMP WIRE COPPER 0.6*10.0*4.0	J2	1	PCE
252	M-WR-0828-0388	3411000600	JUMP WIRE COPPER 0.6*15.0*4.0	J4	1	PCE
253	#N/A	3600040303	SWITCH ASSY B1811T0B-2E L20DBR 05AAB COR		1	PCE
254	#N/A	3670237800	WIRE WITH HOUSING 1007#20 L70 BLK/RED		1	PCE
255	#N/A	4900505211	DC-AC INVERTER 20" LG FOR L20DBR		0	PCE
256	B-00001843	4900506980	DC-AC INVERTER FOR L20DBR		1	PCE
257	#N/A	0313202000	RES CH 1/4W 2K J 1206	R44	1	PCE
258	#N/A	0341056300	RES CH 1/10W 8.2K F 0603	R45	1	PCE
259	#N/A	0341067300	RES CH 1/10W 22K F 0603	R12,R24,R28,R32,R4,R8	6	PCE
260	E-R-0405-7028	0341071300	RES CH 1/10W 33K F 0603	R68,R70	2	PCE
261	E-R-0405-7034	0341077300	RES CH 1/10W 47K F 0603	R63,R79,R80	3	PCE
262	E-R-0405-7037	0341079300	RES CH 1/10W 51K F 0603	R37,R49,R57	3	PCE
263	#N/A	0341082300	RES CH 1/10W 68K F 0603	R36,R56	2	PCE
264	#N/A	0341084300	RES CH 1/10W 82K F 0603	R53	1	PCE
265	#N/A	0341087300	RES CH 1/10W 100K F 0603	R18,R51,R55,R61,R62	5	PCE
266	#N/A	0341092300	RES CH 1/10W 150K F 0603	R52	1	PCE
267	#N/A	0341095300	RES CH 1/10W 221K F 0603	R17	1	PCE
268	#N/A	0341104300	RES CH 1/10W 470K F 0603	R15	1	PCE
269	#N/A	0341139300	RES CH 1/10W 910 F 0603	R11,R23,R27,R31,R7	5	PCE
270	E-R-0405-7038	0341421300	RES CH 1/10W 560 F 0603	R72,R73,R74,R76,R77	5	PCE
271	E-R-0405-6685	0343103300	RES CH 1/10W 10K J 0603	R13,R33,R35,R81	4	PCE
272	E-R-0405-7050	0343104300	RES CH 1/10W 100K J 0603	R1,R19,R20,R21,R25,R29, R38,R39,R5,R9	10	PCE
273	E-R-0405-6686	0343105300	RES CH 1/10W 1M J 0603	R10,R2,R22,R26,R30,R6	6	PCE
274	#N/A	0343203300	RES CH 1/10W 20K J 0603	R46	1	PCE
275	#N/A	0343223300	RES CH 1/10W 22K J 0603	R64,R65,R66,R67	4	PCE
276	#N/A	0343333300	RES CH 1/10W 33K J 0603	R78	1	PCE
277	#N/A	0343394300	RES CH 1/10W 390K J 0603	R54	1	PCE
278	#N/A	0343432300	RES CH 1/10W 4.3K J 0603	R34	1	PCE
279	#N/A	0343561300	RES CH 1/10W 560 J 0603	R75	1	PCE
280	#N/A	0343824300	RES CH 1/10W 820K J 0603	R69,R71	2	PCE
281	#N/A	0343911300	RES CH 1/10W 910 J 0603	R3	1	PCE
282	E-FS-0410-0074	0841110702	FUSE F/P 4A 125V UL CSA	F1	1	PCE
283	#N/A	1165104012	CAP CD 3KV 5P D SL P7.5	CY1,CY2,CY3,CY4,CY5,CY6	6	PCE
284	#N/A	144143311400	CAP AL 25V 330U M 10*12.5 TP5	C46,C47	2	PCE
285	#N/A	1511532000	CAP MC CP 50V 120P J C0G 0603	C50	1	PCE
286	E-C-0404-4877	1511538000	CAP MC CP 50V 220P J C0G 0603	C8	1	PCE
287	#N/A	1512446000	CAP MC CP 50V 2.2KP K X7R 0603	C36,C44	2	PCE
288	E-C-0404-4882	1512452000	CAP MC CP 50V 6.8KP K X7R 0603	C14,C6	2	PCE
289	#N/A	1512452100	CAP MC CP 50V 6.8KP K X7R 0805	C30,C32,C34,C37,C39,C42	6	PCE
290	E-C-0404-4496	1512454100	CAP MC CP 50V .01U K X7R 0805	C31,C33,C35,C38,C40,C43	6	PCE
291	#N/A	1512456000	CAP MC CP 50V .022U K X7R 0603	C18,C19,C21,C22,C23	5	PCE
292	#N/A	1512458100	CAP MC CP 50V .1U K X7R 0805	C20	1	PCE
293	#N/A	1512458200	CAP MC CP 50V .1U K X7R 1206	C48,C49	2	PCE
294	E-C-0404-4865	1542458000	CAP MC CP 16V .1U K X7R 0603	C1,C10,C11,C12,C13,C17,C2, C3,C4,C45,C9	11	PCE
295	#N/A	1542467100	CAP MC CP 16V 1U K X7R 0805	C15,C16,C5,C7	4	PCE
296	#N/A	15A2491300	CAP MC CP 10V 10U K X7R 1210	C24,C25	2	PCE
297	#N/A	203812560131	DIO ZEN 0.5W 7.07-7.45V MINIMELF	D21,D22,D23,D24	4	PCE
298	#N/A	203812560136	DIO ZEN 0.5W 7.07-7.45V LLDS(MINIMELF)	D21,D22,D23,D24	0	PCE
299	E-D-0403-2131	203812570431	DIO ZEN 0.5W 7.78-8.19V MINIMELF	D20	1	PCE
300	E-D-0403-2132	203812570436	DIO ZEN 0.5W 7.78-8.19V LLDS(MINIMELF)	D20	0	PCE
301	#N/A	203812620131	DIO ZEN 0.5W 12.55-13.21V MINIMELF	D19	1	PCE
302	#N/A	203812620136	DIO ZEN 0.5W 12.55-13.21V LLDS(MINIMELF)	D19	0	PCE
303	#N/A	204520700205	DIO SW 0.215A 70V SOT-23 SE.	D10,D11,D12,D13,D14,D15, D16,D17,D18,D7,D8,D9	0	PCE
304	E-D-0403-2049	204520700207	DIO SW 0.215A 75V SOT-23 SE.	D10,D11,D12,D13,D14,D15, D16,D17,D18,D7,D8,D9	12	PCE
305	#N/A	204810750107	DIO SW 0.2A 75V SOD80C(MINIMELF)	D1,D2,D3,D4,D5,D6	6	PCE
306	E-D-0403-2046	204810750131	DIO SW 0.15A 75V MINIMELF	D1,D2,D3,D4,D5,D6	0	PCE
307	E-Q-0402-7019	210522000505	TR 40V 0.6A SOT-23 80	Q12,Q17	0	PCE
308	#N/A	210522000507	TR 40V 0.6A SOT-23 80	Q12,Q17	2	PCE
309	E-Q-0402-7018	211522000405	TR -40V -0.6A SOT-23 100	Q19	0	PCE
310	#N/A	211522000407	TR -40V -0.6A SOT-23 100	Q19	1	PCE
311	E-Q-0402-1554	242522500005	FET 60V 0.115A 7.5OHM LL SOT-23	Q1,Q10,Q11,Q18,Q2,Q20,Q3, Q4,Q5,Q6,Q7,Q8,Q9	0	PCE
312	#N/A	242522500007	FET 60V 0.18A 5OHM LL SOT-23	Q1,Q10,Q11,Q18,Q2,Q20,Q3, Q4,Q5,Q6,Q7,Q8,Q9	13	PCE
313	#N/A	242601000217	FET 30V 7A 0.028OHM LL SO-8 N+P	Q13,Q14,Q15,Q16	0	PCE
314	#N/A	242601000263	FET 30V 6.3A 0.028ohm LL SO-8 N+P	Q13,Q14,Q15,Q16	4	PCE

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty	Unit
315	#N/A	251030130F	IC DUAL CCFL INVERTER CONTROLL SSOP-30P	IC1	1	PCE
316	#N/A	2801978900	TRANSFORMER IT UI-11.7 00A-2350C	T1,T2,T3,T4,T5,T6	6	PCE
317	#N/A	2970046602	PWB D0 E1 FR-4 180*60*1.6 (L20C-3)		1	PCE
318	#N/A	3070074766	HEADER BOX 94V0 9-5P P2.0 R SMD		2	PCE
319	#N/A	3070075166	HEADER NYLON46 94V0 2PIN SMD		2	PCE
320	#N/A	3240256100	INSULATOR FR-60 T.25 94V-0 FOR 18B013A		1	PCE
321	#N/A	3861270000	CABLE ASSY 1007 #26 7HOLES DAC-18B014		1	PCE
322	DC-00001459	5012046900	CARD ATTENTION SHEET 190*125 VSC-20/21		1	PCE
323	DC-00001473	5012047200	ARD INFORMATION 190*125 (EPA)		1	PCE
324	E-00002545	5052000402	LCD 20.1" TFT LVDS UXGA		1	PCE
325	B-00002542	5600110420	PWB ASSY I/F BD L20DBR 05DAB		1	PCE
326	E-R-0405-7124	0313000000	RES CH 1/4W ZERO J 1206	R670	1	PCE
327	#N/A	0341052300	RES CH 1/10W 4.7K F 0603	R258,R259,R260,R261	4	PCE
328	#N/A	0341059300	RES CH 1/10W 10K F 0603	R270,R273	2	PCE
329	#N/A	0341384300	RES CH 1/10W 249 F 0603	R403	1	PCE
330	#N/A	0341406300	RES CH 1/10W 30.9K F 0603	R269,R272	2	PCE
331	#N/A	0341632300	RES CH 1/10W 33 F 0603	R415	1	PCE
332	E-R-0405-7041	0343000300	RES CH 1/10W ZERO J 0603	C256,R401,R402,R445,R617, R631,R632,R635,R636,R637, R640,R641,R644,R645,R968, R969,R970,R971,R972,R973, R974,R975,R976,R977	24	PCE
333	E-R-0405-7049	0343100300	RES CH 1/10W 10 J 0603	R266	1	PCE
334	#N/A	0343101100	RES CH 1/8W 100 J 0805	R265	1	PCE
335	E-R-0405-6684	0343101300	RES CH 1/10W 100 J 0603	R264,R411,R421,R422,R426, R428,R608,R609,R618,R622, R629,R638,R646,R647	14	PCE
336	E-R-0405-7054	0343102300	RES CH 1/10W 1K J 0603	R654,R951	2	PCE
337	E-R-0405-6685	0343103300	RES CH 1/10W 10K J 0603	R256,R257,R262,R274,R278, R289,R292,R406,R412,R423, R424,R427,R431,R432,R435, R436,R437,R438,R439,R613, R614,R615,R616,R633,R634, R639,R952,R953,R955,R957, R959,R961,R963,R979	34	PCE
338	E-R-0405-7050	0343104300	RES CH 1/10W 100K J 0603	R648,R649,R650,R651,R652, R653,R663,R664,R665,R666, R667,R668	12	PCE
339	#N/A	0343106300	RES CH 1/10W 10M J 0603	R967	1	PCE
340	#N/A	0343123300	RES CH 1/10W 12K J 0603	R954	1	PCE
341	#N/A	0343151300	RES CH 1/10W 150 J 0603	R425,R604,R605,R606,	7	PCE
342	#N/A	0343203300	RES CH 1/10W 20K J 0603	R290,R291	2	PCE
343	#N/A	0343220100	RES CH 1/8W 22 J 0805	R268,R271	2	PCE
344	E-R-0405-7055	0343221300	RES CH 1/10W 220 J 0603	R966	1	PCE
345	E-R-0405-6687	0343222300	RES CH 1/10W 2.2K J 0603	R277,R611,R612,R623,R630	5	PCE
346	E-R-0405-7058	0343330300	RES CH 1/10W 33 J 0603	R416,R417	2	PCE
347	#N/A	0343332100	RES CH 1/8W 3.3K J 0805	R263,R267	2	PCE
348	E-R-0405-7057	0343332300	RES CH 1/10W 3.3K J 0603	R407,R418,R419,R420,R446, R448	6	PCE
349	#N/A	0343333300	RES CH 1/10W 33K J 0603	R965	1	PCE
350	E-R-0405-7043	0343392300	RES CH 1/10W 3.9K J 0603	R253,R254	2	PCE
351	#N/A	0343430300	RES CH 1/10W 43 J 0603	R657,R658,R659,R660,R661, R662	6	PCE
352	E-R-0405-6690	0343470300	RES CH 1/10W 47 J 0603	R607,R610,R627,R628	4	PCE
353	#N/A	0343471100	RES CH 1/8W 470 J 0805	R447,R449	2	PCE
354	E-R-0405-7033	0343471300	RES CH 1/10W 470 J 0603	R450,R656,R980	3	PCE
355	E-R-0405-7031	0343472300	RES CH 1/10W 4.7K J 0603	R276,R284,R286,R433,R434	5	PCE
356	E-R-0405-7035	0343473300	RES CH 1/10W 47K J 0603	R285,R287,R408	3	PCE
357	E-R-0405-6691	0343562300	RES CH 1/10W 5.6K J 0603	R252,R255	2	PCE
358	#N/A	0343681300	RES CH 1/10W 680 J 0603	R429,R430	2	PCE
359	#N/A	0343684300	RES CH 1/10W 680K J 0603	R956	1	PCE
360	#N/A	0343750100	RES CH 1/8W 75 J 0805	R601,R602,R603,R624,R625, R626	6	PCE
361	E-R-0405-7147	0619900105	RES ARRAY 1/16W 100 J 8P4R 1206	RP417	1	PCE
362	#N/A	0619900112	RES ARRAY 1/16W 100 J 8P4R 1206	RP417	0	PCE
363	#N/A	0619900705	RES ARRAY 1/16W 10K J 8P4R 1206	RP414,RP415,RP416,RP419, RP420	5	PCE
364	#N/A	0619900712	RES ARRAY 1/16W 10K J 8P4R 1206	RP414,RP415,RP416,RP419, RP420	0	PCE
365	#N/A	0619901105	RES ARRAY 1/16W 33 J 8P4R 1206	RP401,RP402,RP403,RP404, RP405,RP406,RP407,RP408, RP409,RP410,RP411,RP412, RP413	13	PCE
366	#N/A	0619901112	RES ARRAY 1/16W 33 J 8P4R 1206	RP401,RP402,RP403,RP404, RP405,RP406,RP407,RP408, RP409,RP410,RP411,RP412, RP413	0	PCE
367	#N/A	0730060412	CRYSTAL 14.318MHZ 30PPM 30PF 49US	X401	1	PCE
368	M-LCD-0826-0129	0730180212	CRYSTAL 24MHZ 30PPM 30PF 49US	X951	1	PCE
369	#N/A	0841110802	FUSE F/P 5A 125V UL CSA	F251	1	PCE

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty	Unit
370	E-C-0404-5322	149024701208	CAP AL CP 6.3V 47U M 5*5.5	C267,C278,C401,C411,C424, C433,C441,C449,C457,C477, C960,C982	12	PCE
371	#N/A	149024701233	CAP AL CP 6.3V 47U M 5*5.4	C267,C278,C401,C411,C424, C433,C441,C449,C457,C477, C960,C982	0	PCE
372	#N/A	149101021533	CAP AL CP 10V 1KU M 10*10	C261,C262,C263	3	PCE
373	#N/A	149121001108	CAP AL CP 16V 10U M 4*5.5	C961,C962,C968,C980	4	PCE
374	#N/A	149121001133	CAP AL CP 16V 10U M 4*5.4	C961,C962,C968,C980	0	PCE
375	#N/A	149122211333	CAP AL CP 16V 220U M 6.3*7.7	C279,C972,C974,C976,C978	5	PCE
376	#N/A	149124717403	CAP AL CP 16V 470U M 10*10	C984	1	PCE
377	#N/A	149144701433	CAP AL CP 25V 47U M 8*5.4	C264	1	PCE
378	#N/A	149144711533	CAP AL CP 25V 470U M 10*10	C260,C281	2	PCE
379	#N/A	149151011333	CAP AL CP 35V 100U M 6.3*7.7	C276	1	PCE
380	E-C-0404-4878	1511514000	CAP MC CP 50V 22P J C0G 0603	C422,C423,C601,C602,C604, C607	6	PCE
381	#N/A	1511518000	CAP MC CP 50V 33P J C0G 0603	C970,C971	2	PCE
382	E-C-0404-4876	1512445000	CAP MC CP 50V 1KP K X7R 0603	C255,C257,C258	3	PCE
383	#N/A	1517654000	CAP MC CP 50V .01U Z Y5V 0603	C254,C627,C628,C629,C630, C631,C632,C633,C951,C952, C953,C954,C957,C963,C964, C965,C966,C967	18	PCE
384	E-C-0404-4497	1517658000	CAP MC CP 50V .1U Z Y5V 0603	C251,C259,C266,C268,C275, C277,C280,C283,C284,C402, C403,C404,C405,C406,C407, C408,C409,C410,C412,C413, C414,C415,C416,C417,C418, C419,C420,C421,C425,C426, C427,C428,C429,C430,C431, C432,C434,C435,C436,C437, C438,C439,C442,C443,C444, C445,C446,C447,C448,C450, C451,C452,C453,C454,C455, C456,C458,C459,C460,C461, C462,C463,C464,C465,C466, C467,C468,C469,C470,C471, C472,C473,C474,C475,C476, C478,C609,C610,C618,C620, C621,C622,C623,C624,C625, C955,C956,C958,C959,C969, C973,C975,C977,C979,C981, C983	96	PCE
385	#N/A	1557667100	CAP MC CP 25V 1U Z Y5V 0805	C252,C253,C274,C286	4	PCE
386	#N/A	15A7667000	CAP MC CP 10V 1U Z Y5V 0603	C270,C273,C282,C603,C608	5	PCE
387	E-C-0405-4321	15A7691100	CAP MC CP 10V 10U Z Y5V 0805	C440,C611,C612,C613,C614, C615,C616,C626	8	PCE
388	E-D-0403-2129	202351080023	DIO SBD 3A 40V DO-201AD	D251	0	PCE
389	E-D-0403-2139	202351080105	DIO SBD 3A 40V DO-201AD	D251	1	PCE
390	#N/A	202351580023	DIO SBD 5A 40V DO-201AD	D252	1	PCE
391	#N/A	203812540231	DIO ZEN 0.5W 4.94-5.20V MINIMELF	D253,D254,D602,D605,D606, D608	6	PCE
392	#N/A	203812540236	DIO ZEN 0.5W 4.94-5.20V LLDS(MINIMELF)	D253,D254,D602,D605,D606, D608	0	PCE
393	#N/A	204520700205	DIO SW 0.215A 70V SOT-23 SE.	D401,D402,D403,D404,D405, D603,D604,D610,D611,D612, D613,D614,D615,D616,D619	0	PCE
394	E-D-0403-2049	204520700207	DIO SW 0.215A 75V SOT-23 SE.	D401,D402,D403,D404,D405, D603,D604,D610,D611,D612, D613,D614,D615,D616,D619	15	PCE
395	#N/A	204520700305	DIO SW 0.2A 70V SOT-23 C.C.	D601,D607	0	PCE
396	E-D-0403-2135	204520700307	DIO SW 0.215A 75V SOT-23	D601,D607	2	PCE
397	#N/A	205800530131	DIO SI 1A 50V DO-213AB(MELF)	D255,D256	2	PCE
398	E-Q-0402-1087	210522000405	TR 40V 0.2A SOT-23 100-300	Q252,Q260,Q262,Q263,Q403, Q404	0	PCE
399	#N/A	210522000407	TR 40V 0.2A SOT-23 100-300	Q252,Q260,Q262,Q263,Q403, Q404	6	PCE
400	E-Q-0402-7019	210522000505	TR 40V 0.6A SOT-23 80	Q253,Q256	0	PCE
401	#N/A	210522000507	TR 40V 0.6A SOT-23 80	Q253,Q256	2	PCE
402	#N/A	211522000205	TR -40V -0.2A SOT-23 100-300	Q401,Q402	0	PCE
403	#N/A	211522000207	TR -40V -0.1A SOT-23 100-300	Q401,Q402	2	PCE
404	E-Q-0402-7018	211522000405	TR -40V -0.6A SOT-23 100	Q254,Q257	0	PCE
405	#N/A	211522000407	TR -40V -0.6A SOT-23 100	Q254,Q257	2	PCE
406	#N/A	243502600010	FET -55V -11A 0.175ohm TO-252AA	Q255,Q258	2	PCE
407	#N/A	243601000310	FET -30V -5.8A 0.045ohm SO-8	Q251,Q259	0	PCE
408	#N/A	243601000317	FET -30V -5.3A 0.05OHM LL SOIC-8	Q251,Q259	2	PCE
409	#N/A	243601000331	FET -30V -5.1A 0.055OHM LL SO-8	Q251,Q259	0	PCE
410	E-IC-0401-2925	2500058010	IC REGU LDO 0.8A 3.3V SOT-223	IC956	1	PCE
411	#N/A	2500058037	IC REGU LDO 0.8A 3.3V SOT-223	IC956	0	PCE
412	#N/A	2500058910	IC REGU 1.8V 0.8A SOT-223	IC955	1	PCE
413	#N/A	2500058937	IC REGU 1.8V 0.8A SOT-223-3P	IC955	0	PCE
414	#N/A	2500082637	IC REGU LDO 2.5V 5A TO-252	IC256	1	PCE

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty	Unit
415	#N/A	2500082837	IC REGU LDO 3.3V 5A TO-252	IC252	1	PCE
416	E-IC-0401-2927	2500088636	IC VOL DETECTOR 4.4V SOT-23	IC402	1	PCE
417	#N/A	2500161537	IC REGU LDO 1.8V 5A TO-263	IC253	1	PCE
418	#N/A	2510019129	IC PWM SOP-16P	IC251	1	PCE
419	#N/A	2530235227	IC IMAGE PROCESSOR PBGA-416B	IC401	1	PCE
420	#N/A	2540279103	IC DUAL USB HIGH-SIDE POWER SW SO-8P	IC952,IC953	2	PCE
421	#N/A	2540368447	IC 4Ps USB 2.0 HUB CTL TQFP-64P	IC951	1	PCE
422	#N/A	2600100353	IC TRIPLE 2:1 MULTIPLEXERS TSSOP-24P	IC607	1	PCE
423	E-IC-0450-0050	2610015107	IC 2 CHANNEL ANALOGUE SO16	IC602,IC603,IC606	3	PCE
424	E-IC-0401-2942	2610049742	IC CMOS 2K EEPROM SOIC-8P	IC601,IC604,IC605,IC954	4	PCE
425	#N/A	2610473212	IC F-MEM 4M(512K*8) 2.7V 70nS PLCC-32P	IC405	0	PCE
426	#N/A	2610473222	IC F-MEM 4M(512K*8) 3V TOP 70nS PLCC-32P	IC405	0	PCE
427	#N/A	2610473223	IC F-MEM 4M 3V TOP 70nS PLCC-32P	IC405	1	PCE
428	#N/A	2610487342	IC EEPROM 32K SO-8P 150MIL	IC403	1	PCE
429	#N/A	2610487612	IC EEPROM 32K SOIC-8PIN	IC403	0	PCE
430	#N/A	2610578017	IC DDR SDRAM 1M*32*4B 300MHZ FBGA-144B	IC404	1	PCE
431	#N/A	2610578514	IC DDR SDRAM 1M*32*4B 300MHZ FBGA-144B	IC404	0	PCE
432	#N/A	2816706700	INDUCTOR SMT 22UH M SMD	L253	1	PCE
433	#N/A	2816706710	INDUCTOR SMT 22UH M	L253	0	PCE
434	#N/A	2816721510	INDUCTOR SMT 10UH K	L252,L254	2	PCE
435	#N/A	2816721580	INDUCTOR CD 10UH K SMD	L252,L254	0	PCE
436	#N/A	2816727410	INDUCTOR SMT 22UH M 3.6A	L251	1	PCE
437	#N/A	2816727480	INDUCTOR SMT 22UH M 3.6A	L251	0	PCE
438	E-L-0408-1518	2921113212	BEAD CH 100MHZ 120 OHM 4A 1206	FB251,FB252,FB253,FB254, FB255,FB256,FB257,FB258, FB259,FB260,FB261,FB262, FB951,FB952,FB953,FB954, FB955,FB956,FB957,FB958, FB959	21	PCE
439	#N/A	2970049201	PWB M0 L6 E0.5/I1 FR-4 170*119*1.6(I/F B		1	PCE
440	#N/A	3000750265	SWITCH ROLL BALL 4P P2.54		1	PCE
441	#N/A	3020016000	PLCCIC SOCKET PPS 94V0 PB		1	PCE
442	#N/A	3070337534	HEADER NY66 94V0 7P P2.0 R BROWN		1	PCE
443	#N/A	3071400334	HEADER NY66 94V0 4P P2.5 R		1	PCE
444	#N/A	3072214457	CONN USB STACKED R-A DIP A TYPE		2	PCE
445	#N/A	3072241500	CONN USB PB DOUBLE A TYPE		0	PCE
446	#N/A	3072241600	CONN USB PB B TYPE		0	PCE
447	#N/A	3072253457	CONN USB B TYPE R		1	PCE
448	#N/A	3075308757	CONN D-SUB 15P R/A PC99 W/O SCREW		1	PCE
449	#N/A	3075316343	CONN DVI-D 29P P1.905 R		0	PCE
450	#N/A	3075316357	CONN DVI-I 29P P1.905 R		1	PCE
451	#N/A	3075316367	CONN DVI-I 29P P1.905 R		0	PCE
452	#N/A	3075353143	CONN D-SUB FEMALE 15P P2.29 BLUE		0	PCE
453	#N/A	3075415866	CONN FFC/FPC BOTTOM 8P P1.0 SMT		1	PCE
454	#N/A	3076151134	PIN HEADER PBT 94V-0 2*6P P2.0 R		1	PCE
455	#N/A	3076151434	PIN HEADER PBT 94V0 2*15P P2.0 R		1	PCE
456	M-LB-0813-0913	3202005900	LABEL SERIAL 42*11 SONY		1	PCE
457	M-LB-0813-0914	3202009100	LABEL REISTRATION 40*16		1	PCE
458	M-LB-0813-0915	3202215900	LABEL MCU 11*11 POLYESTER 50#		0.125	PCE

BOM LIST (VP201s-1 for "AUO Panel")

ViewSonic Model Number: VLCDS26064-4W

Rev: 1c

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty	Unit
1	E-L-0407-1587	2921021404	CORE BEAD 40*6.5*10 W5H+TAPE		1	PCE
2	E-L-0407-1587	2921021437	CORE BEAD 40*6.5*10 A5 +TAPE		0	PCE
3	M-SW-0815-0224	3000725101	SWITCH MEMBRANCE PET 99.5*9 VP181-2		1	PCE
4	M-MS-0808-8555	3080323801	CABLE USB 2.0 A_B L1800 BLACK		1	PCE
5	A-VC-0101-0390	3080427000	CABLE D-SUB/D-SUB L1800 BLK OD7.5		1	PCE
6	A-VC-0101-0370	3080428100	CABLE DVI-D TO DVI-D L1800 P001		1	PCE
7	A-PC-0106-0150	3090107601	AC POWER CORD L=1800 BLK NA #18*3C SVT C		1	PCE
8	#N/A	3100430500	SCREW M M3*0.5*5 PAN C S18C ZN BLK		4	PCE
9	M-SCW-0824-0690	3105051501	SCREW M #4-40*7 HEXH #4-40*3 S18C NI		4	PCE
10	M-SCW-0824-0775	3105123700	SCREW M M4*0.7*10 FF C S18C ZN BLK NYLOK		4	PCE
11	M-SCW-0824-0776	3105221000	SCREW M M3*0.5*6 FF C S18C ZN		6	PCE
12	M-SCW-0824-0777	3105225300	SCREW M M3*0.5*4 FF C S18C ZN		6	PCE
13	M-SCW-0824-0784	3109010700	SCREW T M3*0.5*7 PAN C S+P S20C ZN		1	PCE
14	M-SCW-0824-0732	3109010900	SCREW T M3*0.5*4 BIND C S18C ZN YEL		4	PCE
15	M-SCW-0824-0413	3109011400	SCREW T M3*0.5*6 BIND C S18C ZN YEL		4	PCE
16	M-MS-0808-8040	3110250000	WASHER SPRING SWRT		4	PCE
17	M-LB-0813-0785	3200158900	LABEL STICKER OD10 WHT HI-POT		1	PCE
18	M-LB-0813-0712	3200449700	LABEL WARING		0	PCE
19	M-MS-0808-8556	3200649100	NAME PLATE VSC 3-BIRD LOGO AL 11.07*7.92		1	PCE
20	M-LB-0813-0978	3200787200	LABEL BAR CODE 124*82		1	PCE
21	DC-00001897	3201985100	LABEL ID 100*50 VSC VP201S L20DBR		1	PCE
22	M-LB-0813-0900	3202011000	LABEL SERIES PANEL 42*11 T0.05		0	PCE
23	M-LB-0813-0714	3202310700	LABEL HV WARNING 100*25		1	PCE
24	DC-00000639	3209216600	LABEL USB 35*20 VSC VP SERIES		1	PCE
25	M-MS-0808-8624	3211030700	MYLAR FILM 430*330 T.1 L20CBR05ACA		0	PCE
26	#N/A	3220130500	TAPE W=17 #1350F-1 3M		0.05	MTR
27	M-00001851	3220130800	TAPE W=20 #1350F-1 3M		0.062	MTR
28	M-MS-0808-7011	3220131000	TAPE W=23 #1350F-1 3M		0.05	MTR
29	M-MS-0808-8202	3220133600	TAPE W=10 #1350F-1 3M		0.04	MTR
30	M-MS-0808-0724	3220161733	TAPE W=20 #3800A NITTO		0.15	MTR
31	M-MS-0808-7463	3220501600	TAPE W=30 #10 3M		0.29	MTR
32	M-00001899	3220601000	TAPE W=28 CM34 4P		0.1	MTR
33	M-MS-0808-7810	3220605633	TAPE W=45 #7290 NITTO		0.128	MTR
34	M-MS-0808-4975	3221101500	TAPE W=76 PP47 914M 4P		0.8	MTR
35	M-MS-0808-0918	3221903300	TAPE PE W=50 VIEWSONIC SECURITY		1.028	MTR
36	M-MS-0808-1679	3222201300	TAPE AL FOIL W=25 #80023 CATERON		0.465	MTR
37	M-00001850	3222201510	TAPE AL FOIL W=50 TAPE AL-35FR 3M		0.11	MTR
38	M-MS-0808-1680	3222400310	TAPE W=16 #897 3M		0.03	MTR
39	M-MS-0808-8557	3240055600	CONDUCTIVE TAPE AL W50*L55 1120		1	PCE
40	M-MS-0808-2276	3240160801	SPONGE EVA 5.8*5 T.5 BLK		1	PCE
41	M-MS-0808-2631	3240946900	RUBBER SILICON 12*12 T5		2	PCE
42	PL-PD-0714-0066	3240954400	RUBBER PAD 25*25*2		1	PCE
43	PL-PD-0714-0140	3240970900	RUBBER PAD 22*4 T3 BLK		1	PCE
44	M-MS-0808-8627	3241127400	INSULATOR PC 231*13 T.5		1	PCE
45	#N/A	3241194300	INSULATOR PC 130*118.5 T.43 BLK		1	PCE
46	PL-NB-0707-1075	3360627100	POWER KNOB POM 901U 5140 S8LFB1LS		1	PCE
47	M-CV-0830-2458	3361207400	COVER VESA ABS 41S8LBB1LS		1	PCE
48	#N/A	4020371607	PLASTIC ABS 94HB 41 D-180		64	GRM
49	#N/A	4020371608	PLASTIC ABS 94HB 41 HF-380		0	GRM
50	#N/A	4020371609	PLASTIC ABS 94HB 41 SD-0150		0	GRM
51	#N/A	4020371614	PLASTIC ABS 94HB 41 PA-707		0	GRM
52	C-00001895	3368223600	CABINET ASSY L20DBR05AAB S0LRA1AT		1	PCE
53	M-MS-0808-8758	3200651100	NAME PLATE VIEWSONIC ABS 41 82.83*34.98		1	PCE
54	#N/A	4020371607	PLASTIC ABS 94HB 41 D-180		4	GRM
55	#N/A	4020371608	PLASTIC ABS 94HB 41 HF-380		0	GRM
56	#N/A	4020371609	PLASTIC ABS 94HB 41 SD-0150		0	GRM
57	#N/A	4020371614	PLASTIC ABS 94HB 41 PA-707		0	GRM
58	C-BC-0302-0627	3360255300	CABINET BACK ABS 41 SOLRA1AT		1	PCE
59	#N/A	4020371607	PLASTIC ABS 94HB 41 D-180		520	GRM
60	#N/A	4020371608	PLASTIC ABS 94HB 41 HF-380		0	GRM
61	#N/A	4020371609	PLASTIC ABS 94HB 41 SD-0150		0	GRM
62	#N/A	4020371614	PLASTIC ABS 94HB 41 PA-707		0	GRM
63	M-MS-0808-8561	3460146100	BRACKET VESA SECC 110*20 T1		1	PCE
64	M-MS-0808-8563	3460146300	BRACKET KEYLOCK SECC 20.4*16.45*4.9 T.6		1	PCE
65	#N/A	3368321100	F/B ASSY L20DBR05DAB S0LFA1AT		1	PCE
66	M-MS-0808-8559	3360506800	LED LENS ABS 1865-12 S8LRB1LS		1	PCE
67	#N/A	4020370614	PLASTIC ABS 94HB 1865-12 PA-758		0.1	GRM
68	#N/A	3361500700	F/B ABS SILVER VP201S S0LFA1AT		1	PCE
69	#N/A	4020372907	PLASTIC ABS 94HB 5140 D-180		160	GRM
70	#N/A	4020372908	PLASTIC ABS 94HB 5140 HF-380		0	GRM
71	#N/A	4020372909	PLASTIC ABS 94HB 5140 SD-0150		0	GRM
72	#N/A	4020372914	PLASTIC ABS 94HB 5140 PA-757		0	GRM
73	C-BS-0303-0554	3368991403	STAND ASSY L20CBR05ADB S8LBB1LS		1	PCE
74	M-SCW-0824-0781	3105127100	SCREW M M4*0.7*12 FF C S18C ZN NL		4	PCE
75	M-SCW-0824-0778	3105229400	SCREW M M3*0.5*10 FF C S18C ZN		1	PCE

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty	Unit
76	M-SCW-0824-0782	3105280200	SCREW M M3*0.5*4 FF C S18C ZN BLK		2	PCE
77	M-SCW-0824-0779	3109017700	SCREW T M3*2.7*7.5 FF C S18C ZN YEL		2	PCE
78	M-SCW-0824-0780	3109019100	SCREW T M3*2.7*7.2 FLAT C S18C ZN YEL		4	PCE
79	M-CV-0830-2459	3361207500	COVER STAND FRONT ABS 41 S8LBB1LS		1	PCE
80	#N/A	4020371607	PLASTIC ABS 94HB 41 D-180		49	GRM
81	#N/A	4020371608	PLASTIC ABS 94HB 41 HF-380		0	GRM
82	#N/A	4020371609	PLASTIC ABS 94HB 41 SD-0150		0	GRM
83	#N/A	4020371614	PLASTIC ABS 94HB 41 PA-707		0	GRM
84	M-CV-0830-2461	3361207700	COVER STAND REAR ABS 41 S8LBB1LS		1	PCE
85	#N/A	4020371607	PLASTIC ABS 94HB 41 D-180		37	GRM
86	#N/A	4020371608	PLASTIC ABS 94HB 41 HF-380		0	GRM
87	#N/A	4020371609	PLASTIC ABS 94HB 41 SD-0150		0	GRM
88	#N/A	4020371614	PLASTIC ABS 94HB 41 PA-707		0	GRM
89	M-CV-0830-2462	3361207800	COVER BASE ABS 41 S8LBB1LS		1	PCE
90	#N/A	4020371607	PLASTIC ABS 94HB 41 D-180		20	GRM
91	#N/A	4020371608	PLASTIC ABS 94HB 41 HF-380		0	GRM
92	#N/A	4020371609	PLASTIC ABS 94HB 41 SD-0150		0	GRM
93	#N/A	4020371614	PLASTIC ABS 94HB 41 PA-707		0	GRM
94	M-CV-0830-2463	3361207900	COVER HINGE1 ABS 41 S8LBB1LS		1	PCE
95	#N/A	4020371607	PLASTIC ABS 94HB 41 D-180		30	GRM
96	#N/A	4020371608	PLASTIC ABS 94HB 41 HF-380		0	GRM
97	#N/A	4020371609	PLASTIC ABS 94HB 41 SD-0150		0	GRM
98	#N/A	4020371614	PLASTIC ABS 94HB 41 PA-707		0	GRM
99	M-CV-0830-2464	3361208001	COVER HINGE ABS 41 S8LRB1LS		1	PCE
100	#N/A	4020371607	PLASTIC ABS 94HB 41 D-180		7.5	GRM
101	#N/A	4020371608	PLASTIC ABS 94HB 41 HF-380		0	GRM
102	#N/A	4020371609	PLASTIC ABS 94HB 41 SD-0150		0	GRM
103	#N/A	4020371614	PLASTIC ABS 94HB 41 PA-707		0	GRM
104	#N/A	3368230202	BASE BOTTOM ASSY L20CBR05ADB S0LBB1AT		1	PCE
105	M-SCW-0824-0773	3105034400	SCREW M M3*0.5*6 FLAT C S20C ZN NL(P)		6	PCE
106	M-SCW-0824-0779	3109017700	SCREW T M3*2.7*7.5 FF C S18C ZN YEL		2	PCE
107	M-SCW-0824-0780	3109019100	SCREW T M3*2.7*7.2 FLAT C S18C ZN YEL		2	PCE
108	M-CV-0830-2472	3360245300	COVER BOTTOM ABS 41 S0LBA1AT		1	PCE
109	#N/A	4020371607	PLASTIC ABS 94HB 41 D-180		209	GRM
110	#N/A	4020371608	PLASTIC ABS 94HB 41 HF-380		0	GRM
111	#N/A	4020371609	PLASTIC ABS 94HB 41 SD-0150		0	GRM
112	#N/A	4020371614	PLASTIC ABS 94HB 41 PA-707		0	GRM
113	#N/A	3790184301	BKT BASE ASSY L20CBR05ACB		1	PCE
114	M-SCW-0824-0773	3105034400	SCREW M M3*0.5*6 FLAT C S20C ZN NL(P)		2	PCE
115	PL-PD-0714-0100	3240957000	RUBBER PAD OD20 T4 BLACK		2	PCE
116	PL-PD-0714-0101	3240968900	RUBBER PAD 20*20 T3 BLK		1	PCE
117	M-MS-0808-8632	3460150703	BRACKET BASE2 SECC 173*190.4 T2 VP201		1	PCE
118	M-MS-0808-8635	3460151002	BRACKET BASE3 SECC 173*190.4 T2 VP201		1	PCE
119	M-MS-0808-8636	3460151102	BRACKET BASE1 SECC 173*190.4 T2 VP201		1	PCE
120	#N/A	3790184400	BKT BASE FOOT ASSY L20CBR05ACB		2	PCE
121	M-SCW-0824-0783	3105280400	SCREW M M3*0.5*4 FLAT C S20C ZN NL		2	PCE
122	PL-PD-0714-0100	3240957000	RUBBER PAD OD20 T4 BLACK		1	PCE
123	M-MS-0808-8633	3460150801	BRACKET BASE FOOT1 SECC 195.3*62.5 T2 VP		1	PCE
124	M-MS-0808-8634	3460150902	BRACKET BASE FOOT2 SECC 195.3*62.5 T2 VP		1	PCE
125	M-MS-0808-8639	3461752201	HINGE SECC 312.5*51.82 L20CBW05ABB		1	PCE
126	M-WR-0828-0739	3470308700	WIRE SADDLE NYLON66 94V2 41		3	PCE
127	M-MS-0808-8630	3460150100	BRACKET PANEL SIDE-R SECC 325*30*25 T.8		1	PCE
128	M-MS-0808-8631	3460150200	BRACKET PANEL SIDE-L SECC 325*30*25 T.8		1	PCE
129	HW-00001848	3461226501	SHIELD CAN INV SPTH 208.5*73.8*18 T.3		1	PCE
130	HW-00001849	3461256200	SHIELD CAN SPTH 289.9*150.1*41.5 T.3		1	PCE
131	M-MS-0808-8640	3463000700	CONDUCTIVE AL 15*25 T0.06		1	PCE
132	M-MS-0808-2660	3470903500	HANDLE PE 162*40.5 T1.5 BOTTOM NO501		1	PCE
133	M-MS-0808-2662	3470903600	HANDLE PE 209*18 T1.8 TOP NO501		1	PCE
134	M-MS-0808-8643	3472851200	CONDUCTIVE SPONGE 30*8.5*10		1	PCE
135	M-MS-0808-8646	3472855100	CONDUCTIVE SPONGE 10*10*12		1	PCE
136	P-FM-0602-0591	3500105500	END BLOCK-TOP EPS L20CBW05AAW		1	PCE
137	P-FM-0602-0591	3500105600	END BLOCK-BOTTOM EPS L20CBW05AAW		1	PCE
138	M-MS-0808-8762	3500937501	PE BAG 300*200*0.06T		1	PCE
139	M-MS-0808-2667	3500939901	PE BAG 740*580*.06T CLEAR		1	PCE
140	M-MS-0808-2671	3500943900	PE BAG 75*75*160L T.1		2	PCE
141	M-MS-0808-3190	3510449200	CAP PAPER 1130*1390*120		0.032	PCE
142	M-MS-0808-2672	3510449300	CAP PAPER 1130*700*120		0.063	PCE
143	M-MS-0808-2815	3511208300	ANGLE PAPER 2070*55*55 T5		0.375	PCE
144	#N/A	3512244601	CARTON 552*337*489 VSC VP201S		1	PCE
145	M-MS-0808-5135	3520082400	PE FILM t=0.02mm W=500		0.04	KGM
146	M-MS-0808-7820	3520130500	DRYER 15G 80*60		2	PCE
147	PL-SP-0723-0002	3520142700	PLASTIC STRIP W=12 T.5 BLACK		1	MTR
148	P-00001891	3524009401	PALLET FUMIGATE 1380*1120*120		0.032	PCE
149	P-00001892	3524009501	PALLET FUMIGATE 1120*690*120		0.063	PCE
150	M-MS-0808-3275	3524009601	PALLET FUMIGATE 1120*1380*120		0	PCE
151	M-MS-0808-3374	3524009701	PALLET FUMIGATE 1120*690*120		0	PCE
152	A-CD-VP181S-2	3532065001	PORTRAIT CD VSC A-CD-0002 V7.5 TAIWAN		1	PCE
153	DC-00001896	3532091100	CD-ROM VSC A-CD-VP201S-1 L20DBR		1	PCE
154	DC-00001898	3532091200	MANUAL PACKING ASSY VSC VP201S L20DBR		1	PCE

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty	Unit
155	M-MS-0808-8396	3520094201	PE BAG 260*155*0.1T		1	PCE
156	#N/A	5010009100	MANUAL QSG VP201S L20DBR		1	PCE
157	CB-00001886	3670627400	WIRE WITH HOUSING 1007 #26 L25 6P		1	PCE
158	#N/A	3679046000	WIRE WITH HOUSING 1571 #28 L155 30P		1	PCE
159	#N/A	3790188200	PANEL BKT ASSY L20DBR 05DAB		1	PCE
160	M-MS-0808-8628	3460149900	BRACKET IF&POWER SECC 95*39.2 T.8		1	PCE
161	#N/A	3460213800	BRACKET PANEL SECC 433.4*171.3*8.1 T.8		1	PCE
162	A-00001842	4900210180	POWER SUPPLY 60W 18V 3.33A		1	PCE
163	E-R-0405-3195	0013102000	RES CF 1/4W 1K J	R117	1	PCE
164	#N/A	0013272000	RES CF 1/4W 2.7K J	R115	1	PCE
165	E-R-0405-3210	0013472000	RES CF 1/4W 4.7K J	R104	1	PCE
166	#N/A	0013824000	RES CF 1/4W 820K J	R103	1	PCE
167	#N/A	0133369000	RES MOF 1W .36 J	R114	1	PCE
168	#N/A	0311059000	RES CH 1/4W 10K F 1206	R205	1	PCE
169	#N/A	0311081000	RES CH 1/4W 61.9K F 1206	R204	1	PCE
170	E-R-0405-7124	0313000000	RES CH 1/4W ZERO J 1206	J1,J3,R206	3	PCE
171	#N/A	0313101000	RES CH 1/4W 100 J 1206	R201,R202	2	PCE
172	#N/A	0313102000	RES CH 1/4W 1K J 1206	R208	1	PCE
173	#N/A	0313104000	RES CH 1/4W 100K J 1206	R113,R119	2	PCE
174	#N/A	0313125000	RES CH 1/4W 1.2M J 1206	R101,R102	2	PCE
175	#N/A	0313151000	RES CH 1/4W 150 J 1206	R120,R121,R122	3	PCE
176	#N/A	0313152000	RES CH 1/4W 1.5K J 1206	R118	1	PCE
177	#N/A	0313183000	RES CH 1/4W 18K J 1206	R107,R108,R109	3	PCE
178	#N/A	0313200000	RES CH 1/4W 20 J 1206	R110	1	PCE
179	#N/A	0313302000	RES CH 1/4W 3K J 1206	R111	1	PCE
180	#N/A	0313510000	RES CH 1/4W 51 J 1206	R123	1	PCE
181	#N/A	0313515000	RES CH 1/4W 5.1M J 1206	R105,R106	2	PCE
182	#N/A	0313681000	RES CH 1/4W 680 J 1206	R207	1	PCE
183	#N/A	0313753000	RES CH 1/4W 75K J 1206	R116	1	PCE
184	#N/A	0855340721	FUSE TSC 4A 250V UL VDE 11*4 PIG	F101	1	PCE
185	#N/A	0910500316	RES NTC 5 L 4A	TH101	1	PCE
186	#N/A	0914740111	RES NTC 470K J 5200+-7%	TH102	1	PCE
187	#N/A	0914740116	RES NTC 470K J 5200+-7%	TH102	0	PCE
188	#N/A	0914740216	RES NTC 470K J 5200 +-3%	TH102	0	PCE
189	#N/A	0923210016	VARISTOR 320VAC 92J 3500A	Z101	1	PCE
190	#N/A	0923210041	VARISTOR 320VAC 71J 2000A	Z101	0	PCE
191	#N/A	0923210045	VARISTOR 320VAC 70J 2500A	Z101	0	PCE
192	#N/A	1101030027	CAP Y CD 250VAC 100P K B I	CY101,CY102	2	PCE
193	#N/A	1101030032	CAP Y CD 250VAC 100P K B I	CY101,CY102	0	PCE
194	#N/A	1101030033	CAP Y CD 250VAC 100P M B I	CY101,CY102	0	PCE
195	E-C-0404-4690	1101346027	CAP Y CD 250VAC 2.2KP M E II	CY103	1	PCE
196	E-C-0404-4690	1101346032	CAP Y CD 250VAC 2.2KP M E II	CY103	0	PCE
197	#N/A	1140745800	CAP CD 1KV 1KP K X7R TP5	C109,C201	2	PCE
198	#N/A	1200758000	CAP MO DP 50V .1U K X7R TP R	C205	1	PCE
199	#N/A	144146819103	CAP AL 25V 680U M 10*16 TP5	C202,C203,C204	0	PCE
200	#N/A	144146819107	CAP AL 25V 680U M 10*16 TP5	C202,C203,C204	3	PCE
201	E-C-0404-3852	144162201400	CAP AL 50V 22U M 5*11 TP5	C105	1	PCE
202	#N/A	144164701400	CAP AL 50V 47U M 6.3*11 TP5	C108	1	PCE
203	#N/A	145401510005	CAP AL 400V 150U M 18*35.5	C101	1	PCE
204	#N/A	145401510033	CAP AL 400V 150U M 18*35.5	C101	0	PCE
205	#N/A	1511456100	CAP MC CP 50V .022U J X7R 0805	C103	1	PCE
206	#N/A	1511530200	CAP MC CP 50V 100P J C0G 1206	C102	1	PCE
207	#N/A	1512458100	CAP MC CP 50V .1U K X7R 0805	C104,C106,C107,C206	4	PCE
208	#N/A	1604315524	CAP X MP PC 275VAC .47U K P15	CX101	1	PCE
209	#N/A	1604315537	CAP X MP PC 275VAC .47U M P15	CX101	0	PCE
210	#N/A	1604315538	CAP X MP PC 275VAC .47U K P15	CX101	0	PCE
211	#N/A	1604315550	CAP X MP PC 275VAC .47U K P15	CX101	0	PCE
212	E-D-0403-1395	200131610020	DIO BRD 4A 600V 3S(KBJ)	CR101	1	PCE
213	#N/A	200131610023	DIO BRD 4A 600V GSIB-3G(KBJ)	CR101	0	PCE
214	#N/A	201300570415	DIO FRD 1A 200V DO-41 50nS	D106	1	PCE
215	#N/A	201300570423	DIO FRD 1A 200V DO-204AL(DO-41) 50nS	D106	0	PCE
216	E-D-0403-2025	201330630007	EOL DIO FRD 1A 1000V SOD57 75NS	D101	1	PCE
217	#N/A	201330630031	DIO FRD 1A 1000V SOD57 75nS	D101	0	PCE
218	#N/A	202003670008	DIO SBD 20A 150V TO-220AB C.C.	D201,D202	2	PCE
219	E-D-0403-1980	203322730311	DIO ZEN 0.5W 23.6-24.7V DO-35	D110	1	PCE
220	#N/A	203322730331	DIO ZEN 0.5W 23.6-24.7V DO-35	D110	0	PCE
221	#N/A	203812540231	DIO ZEN 0.5W 4.94-5.20V MINIMELF	D109	1	PCE
222	#N/A	203812540236	DIO ZEN 0.5W 4.94-5.20V LLDS(MINIMELF)	D109	0	PCE
223	E-D-0403-2133	203812670331	DIO ZEN 0.5W 17.42-18.33V MINIMELF	D108	1	PCE
224	E-D-0403-2134	203812670336	DIO ZEN 0.5W 17.42-18.33V LLDS(MINIMELF)	D108	0	PCE
225	#N/A	203812710131	DIO ZEN 0.5W 20.64-21.71V MINIMELF	D107	1	PCE
226	#N/A	203812710136	DIO ZEN 0.5W 20.64-21.71V LLDS(MINIMELF)	D107	0	PCE
227	#N/A	204810750107	DIO SW 0.2A 75V SOD80C(MINIMELF)	D103,D104,D105	3	PCE
228	E-D-0403-2046	204810750131	DIO SW 0.15A 75V MINIMELF	D103,D104,D105	0	PCE
229	#N/A	204812000207	DIO SW 0.25A 200V SOD-80C (MINIMELF)	D102	1	PCE
230	#N/A	204812000223	DIO SW 0.25A 200V MINIMELF	D102	0	PCE
231	#N/A	204812000231	DIO SW 0.25A 200V MINIMELF	D102	0	PCE
232	E-Q-0402-7019	210522000505	TR 40V 0.6A SOT-23 80	Q102	0	PCE
233	#N/A	210522000507	TR 40V 0.6A SOT-23 80	Q102	1	PCE

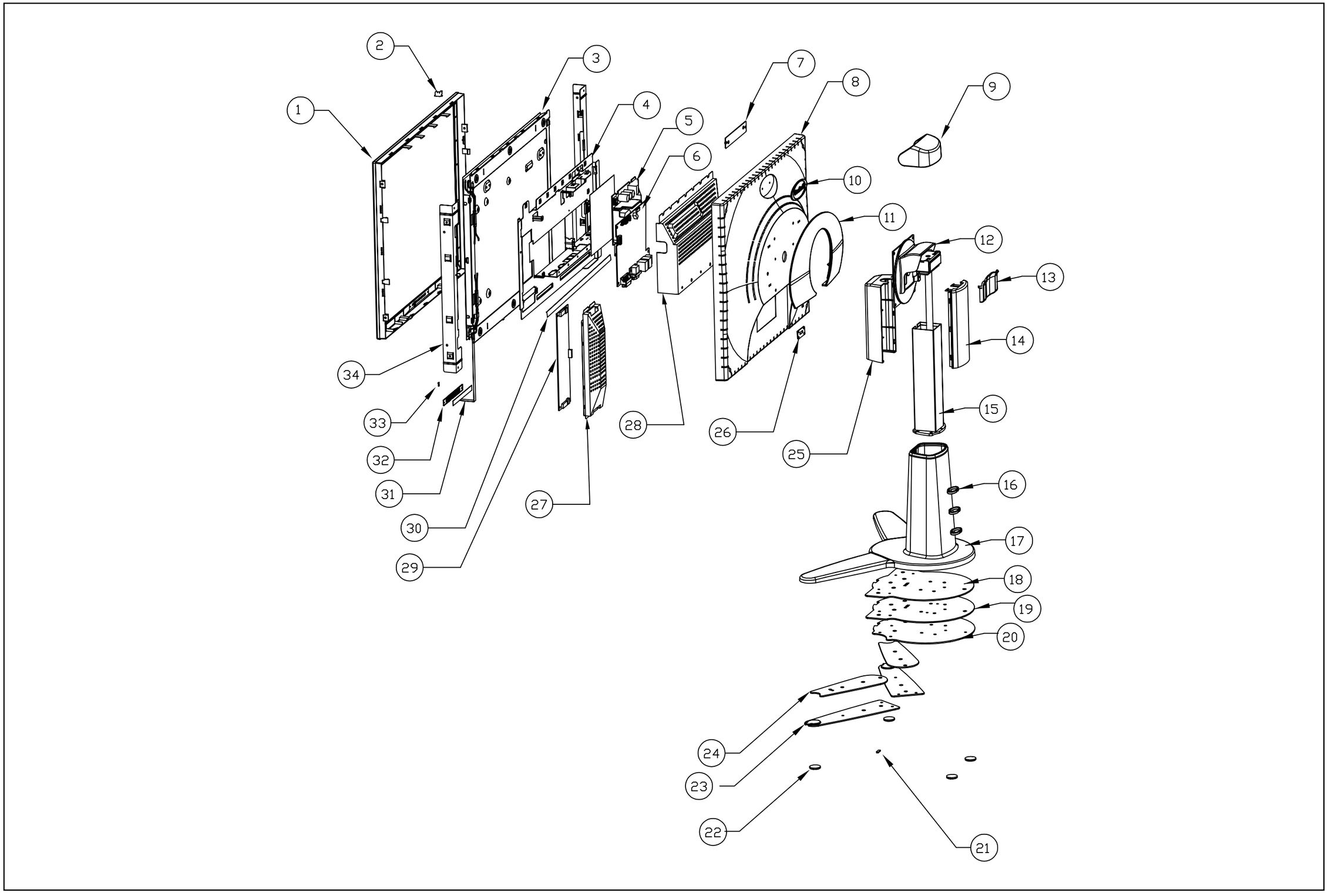
Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty	Unit
234	#N/A	2310040207	PHOTO 70V 4PIN 160-320% 10.16mm	IC102	1	PCE
235	#N/A	242017400206	FET 600V 10A 0.75ohm SC-67	Q101	1	PCE
236	#N/A	2500004210	IC VOL ADJ 37V 2.5V 1% T92	IC201	1	PCE
237	#N/A	2500004213	IC VOL ADJ 37V 2.5V 1% T92	IC201	0	PCE
238	#N/A	2500004214	IC VOL ADJ 37V 2.5V 1% T92	IC201	0	PCE
239	#N/A	2633001811	IC ASIC SO-8PIN	IC101	1	PCE
240	#N/A	2808312601	TRANSFORMER SMT 480UH J	T101	0	PCE
241	#N/A	2811100380	TRANSFORMER SMT 0.48MH J	T101	1	PCE
242	#N/A	2817186980	LINE FILTER T10 638uH MIN	FL101	1	PCE
243	#N/A	2817242080	LINE FILTER T16 17.5mH MIN	FL102	1	PCE
244	E-L-0407-0494	2921020100	CORE BEAD 3.5*6*1.0 T/R	FB101,FB102,FB103,FB104	4	PCE
245	#N/A	2970046403	PWB S 0 E1 CEM-1 118.5*115*1.6(POWER BD)		1	PCE
246	#N/A	3100000900	SCREW M M3*0.5*9 FLAT C S20C ZN		1	PCE
247	#N/A	3100030700	SCREW M M3*0.5*7 FLAT C S20C ZN BLK		2	PCE
248	M-MS-0808-9125	3110110900	NUT M3*0.5 AISI1018		3	PCE
249	#N/A	3341728501	HSK AL T=1.5 93.5*28		1	PCE
250	#N/A	3341728600	HSK AL T=1.5 70.5*17		1	PCE
251	M-WR-0828-0344	3411000200	JUMP WIRE COPPER 0.6*5.0*4.0	L201	1	PCE
252	M-WR-0828-0249	3411000400	JUMP WIRE COPPER 0.6*10.0*4.0	J2	1	PCE
253	M-WR-0828-0388	3411000600	JUMP WIRE COPPER 0.6*15.0*4.0	J4	1	PCE
254	#N/A	3600040303	SWITCH ASSY B1811T0B-2E L20DBR 05AAB COR		1	PCE
255	#N/A	3670237800	WIRE WITH HOUSING 1007#20 L70 BLK/RED		1	PCE
256	#N/A	4900505211	DC-AC INVERTER 20" LG FOR L20DBR		0	PCE
257	B-00001843	4900506980	DC-AC INVERTER FOR L20DBR		1	PCE
258	#N/A	0313202000	RES CH 1/4W 2K J 1206	R44	1	PCE
259	#N/A	0341056300	RES CH 1/10W 8.2K F 0603	R45	1	PCE
260	#N/A	0341067300	RES CH 1/10W 22K F 0603	R12,R24,R28,R32,R4,R8	6	PCE
261	E-R-0405-7028	0341071300	RES CH 1/10W 33K F 0603	R68,R70	2	PCE
262	E-R-0405-7034	0341077300	RES CH 1/10W 47K F 0603	R63,R79,R80	3	PCE
263	E-R-0405-7037	0341079300	RES CH 1/10W 51K F 0603	R37,R49,R57	3	PCE
264	#N/A	0341082300	RES CH 1/10W 68K F 0603	R36,R56	2	PCE
265	#N/A	0341084300	RES CH 1/10W 82K F 0603	R53	1	PCE
266	#N/A	0341087300	RES CH 1/10W 100K F 0603	R18,R51,R55,R61,R62	5	PCE
267	#N/A	0341092300	RES CH 1/10W 150K F 0603	R52	1	PCE
268	#N/A	0341095300	RES CH 1/10W 221K F 0603	R17	1	PCE
269	#N/A	0341104300	RES CH 1/10W 470K F 0603	R15	1	PCE
270	#N/A	0341139300	RES CH 1/10W 910 F 0603	R11,R23,R27,R31,R7	5	PCE
271	E-R-0405-7038	0341421300	RES CH 1/10W 560 F 0603	R72,R73,R74,R76,R77	5	PCE
272	E-R-0405-6685	0343103300	RES CH 1/10W 10K J 0603	R13,R33,R35,R81	4	PCE
273	E-R-0405-7050	0343104300	RES CH 1/10W 100K J 0603	R1,R19,R20,R21,R25,R29, R38,R39,R5,R9	10	PCE
274	E-R-0405-6686	0343105300	RES CH 1/10W 1M J 0603	R10,R2,R22,R26,R30,R6	6	PCE
275	#N/A	0343203300	RES CH 1/10W 20K J 0603	R46	1	PCE
276	#N/A	0343223300	RES CH 1/10W 22K J 0603	R64,R65,R66,R67	4	PCE
277	#N/A	0343333300	RES CH 1/10W 33K J 0603	R78	1	PCE
278	#N/A	0343394300	RES CH 1/10W 390K J 0603	R54	1	PCE
279	#N/A	0343432300	RES CH 1/10W 4.3K J 0603	R34	1	PCE
280	#N/A	0343561300	RES CH 1/10W 560 J 0603	R75	1	PCE
281	#N/A	0343824300	RES CH 1/10W 820K J 0603	R69,R71	2	PCE
282	#N/A	0343911300	RES CH 1/10W 910 J 0603	R3	1	PCE
283	E-FS-0410-0074	0841110702	FUSE F/P 4A 125V UL CSA	F1	1	PCE
284	#N/A	1165104012	CAP CD 3KV 5P D SL P7.5	CY1,CY2,CY3,CY4,CY5,CY6	6	PCE
285	#N/A	144143311400	CAP AL 25V 330U M 10*12.5 TP5	C46,C47	2	PCE
286	#N/A	1511532000	CAP MC CP 50V 120P J C0G 0603	C50	1	PCE
287	E-C-0404-4877	1511538000	CAP MC CP 50V 220P J C0G 0603	C8	1	PCE
288	#N/A	1512446000	CAP MC CP 50V 2.2KP K X7R 0603	C36,C44	2	PCE
289	E-C-0404-4882	1512452000	CAP MC CP 50V 6.8KP K X7R 0603	C14,C6	2	PCE
290	#N/A	1512452100	CAP MC CP 50V 6.8KP K X7R 0805	C30,C32,C34,C37,C39,C42	6	PCE
291	E-C-0404-4496	1512454100	CAP MC CP 50V .01U K X7R 0805	C31,C33,C35,C38,C40,C43	6	PCE
292	#N/A	1512456000	CAP MC CP 50V .022U K X7R 0603	C18,C19,C21,C22,C23	5	PCE
293	#N/A	1512458100	CAP MC CP 50V .1U K X7R 0805	C20	1	PCE
294	#N/A	1512458200	CAP MC CP 50V .1U K X7R 1206	C48,C49	2	PCE
295	E-C-0404-4865	1542458000	CAP MC CP 16V .1U K X7R 0603	C1,C10,C11,C12,C13,C17,C2, C3,C4,C45,C9	11	PCE
296	#N/A	1542467100	CAP MC CP 16V 1U K X7R 0805	C15,C16,C5,C7	4	PCE
297	#N/A	15A2491300	CAP MC CP 10V 10U K X7R 1210	C24,C25	2	PCE
298	#N/A	203812560131	DIO ZEN 0.5W 7.07-7.45V MINIMELF	D21,D22,D23,D24	4	PCE
299	#N/A	203812560136	DIO ZEN 0.5W 7.07-7.45V LLDS(MINIMELF)	D21,D22,D23,D24	0	PCE
300	E-D-0403-2131	203812570431	DIO ZEN 0.5W 7.78-8.19V MINIMELF	D20	1	PCE
301	E-D-0403-2132	203812570436	DIO ZEN 0.5W 7.78-8.19V LLDS(MINIMELF)	D20	0	PCE
302	#N/A	203812620131	DIO ZEN 0.5W 12.55-13.21V MINIMELF	D19	1	PCE
303	#N/A	203812620136	DIO ZEN 0.5W 12.55-13.21V LLDS(MINIMELF)	D19	0	PCE
304	#N/A	204520700205	DIO SW 0.215A 70V SOT-23 SE.	D10,D11,D12,D13,D14,D15, D16,D17,D18,D7,D8,D9	0	PCE
305	E-D-0403-2049	204520700207	DIO SW 0.215A 75V SOT-23 SE.	D10,D11,D12,D13,D14,	12	PCE
306	#N/A			D15,D16,D17,D18,D7,D8,D9		
307	#N/A	204810750107	DIO SW 0.2A 75V SOD80C(MINIMELF)	D1,D2,D3,D4,D5,D6	6	PCE
308	E-D-0403-2046	204810750131	DIO SW 0.15A 75V MINIMELF	D1,D2,D3,D4,D5,D6	0	PCE
309	E-Q-0402-7019	210522000505	TR 40V 0.6A SOT-23 80	Q12,Q17	0	PCE

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty	Unit
310	#N/A	210522000507	TR 40V 0.6A SOT-23 80	Q12,Q17	2	PCE
311	E-Q-0402-7018	211522000405	TR -40V -0.6A SOT-23 100	Q19	0	PCE
312	#N/A	211522000407	TR -40V -0.6A SOT-23 100	Q19	1	PCE
313	E-Q-0402-1554	242522500005	FET 60V 0.115A 7.5OHM LL SOT-23	Q1,Q10,Q11,Q18,Q2,Q20,Q3, Q4,Q5,Q6,Q7,Q8,Q9	0	PCE
314	#N/A	242522500007	FET 60V 0.18A 5OHM LL SOT-23	Q1,Q10,Q11,Q18,Q2,Q20,Q3, Q4,Q5,Q6,Q7,Q8,Q9	13	PCE
315	#N/A	242601000217	FET 30V 7A 0.028OHM LL SO-8 N+P	Q13,Q14,Q15,Q16	0	PCE
316	#N/A	242601000263	FET 30V 6.3A 0.028ohm LL SO-8 N+P	Q13,Q14,Q15,Q16	4	PCE
317	#N/A	251030130F	IC DUAL CCFL INVERTER CONTROLL SSOP-30P	IC1	1	PCE
318	#N/A	2801978900	TRANSFORMER IT UI-11.7 00A-2350C	T1,T2,T3,T4,T5,T6	6	PCE
319	#N/A	2970046602	PWB D0 E1 FR-4 180*60*1.6 (L20C-3)		1	PCE
320	#N/A	3070074766	HEADER BOX 94V0 9-5P P2.0 R SMD		2	PCE
321	#N/A	3070075166	HEADER NYLON46 94V0 2PIN SMD		2	PCE
322	#N/A	3240256100	INSULATOR FR-60 T.25 94V-0 FOR 18B013A		1	PCE
323	#N/A	3861270000	CABLE ASSY 1007 #26 7HOLES DAC-18B014		1	PCE
324	DC-00001459	5012046900	CARD ATTENTION SHEET 190*125 VSC-20/21		1	PCE
325	DC-00001473	5012047200	ARD INFORMATION 190*125 (EPA)		1	PCE
326	#N/A	5052000402	LCD 20.1" TFT LVDS UXGA		1	PCE
327	#N/A	5600110420	PWB ASSY I/F BD L20DBR 05DAB		1	PCE
328	E-R-0405-7124	0313000000	RES CH 1/4W ZERO J 1206	R670	1	PCE
329	#N/A	0341052300	RES CH 1/10W 4.7K F 0603	R258,R259,R260,R261	4	PCE
330	#N/A	0341059300	RES CH 1/10W 10K F 0603	R270,R273	2	PCE
331	#N/A	0341384300	RES CH 1/10W 249 F 0603	R403	1	PCE
332	#N/A	0341406300	RES CH 1/10W 30.9K F 0603	R269,R272	2	PCE
333	#N/A	0341632300	RES CH 1/10W 33 F 0603	R415	1	PCE
334	E-R-0405-7041	0343000300	RES CH 1/10W ZERO J 0603	C256,R401,R402,R445,R617, R631,R632,R635,R636,R637, R640,R641,R644,R645,R968, R969,R970,R971,R972,R973, R974,R975,R976,R977	24	PCE
335	E-R-0405-7049	0343100300	RES CH 1/10W 10 J 0603	R266	1	PCE
336	#N/A	0343101100	RES CH 1/8W 100 J 0805	R265	1	PCE
337	E-R-0405-6684	0343101300	RES CH 1/10W 100 J 0603	R264,R411,R421,R422,R426, R428,R608,R609,R618,R622, R629,R638,R646,R647	14	PCE
338	E-R-0405-7054	0343102300	RES CH 1/10W 1K J 0603	R654,R951	2	PCE
339	E-R-0405-6685	0343103300	RES CH 1/10W 10K J 0603	R256,R257,R262,R274,R278, R289,R292,R406,R412,R423, R424,R427,R431,R432,R435, R436,R437,R438,R439,R613, R614,R615,R616,R633,R634, R639,R952,R953,R955,R957, R959,R961,R963,R979	34	PCE
340	E-R-0405-7050	0343104300	RES CH 1/10W 100K J 0603	R648,R649,R650,R651,R652, R653,R663,R664,R665,R666, R667,R668	12	PCE
341	#N/A	0343106300	RES CH 1/10W 10M J 0603	R967	1	PCE
342	#N/A	0343123300	RES CH 1/10W 12K J 0603	R954	1	PCE
343	#N/A	0343151300	RES CH 1/10W 150 J 0603	R425,R604,R605,R606,	7	PCE
344	#N/A			R619,R620,R621		
345	#N/A	0343203300	RES CH 1/10W 20K J 0603	R290,R291	2	PCE
346	#N/A	0343220100	RES CH 1/8W 22 J 0805	R268,R271	2	PCE
347	E-R-0405-7055	0343221300	RES CH 1/10W 220 J 0603	R966	1	PCE
348	E-R-0405-6687	0343222300	RES CH 1/10W 2.2K J 0603	R277,R611,R612,R623,R630	5	PCE
349	E-R-0405-7058	0343330300	RES CH 1/10W 33 J 0603	R416,R417	2	PCE
350	#N/A	0343332100	RES CH 1/8W 3.3K J 0805	R263,R267	2	PCE
351	E-R-0405-7057	0343332300	RES CH 1/10W 3.3K J 0603	R407,R418,R419,R420,R446, R448	6	PCE
352	#N/A	0343333300	RES CH 1/10W 33K J 0603	R965	1	PCE
353	E-R-0405-7043	0343392300	RES CH 1/10W 3.9K J 0603	R253,R254	2	PCE
354	#N/A	0343430300	RES CH 1/10W 43 J 0603	R657,R658,R659,R660,R661, R662	6	PCE
355	E-R-0405-6690	0343470300	RES CH 1/10W 47 J 0603	R607,R610,R627,R628	4	PCE
356	#N/A	0343471100	RES CH 1/8W 470 J 0805	R447,R449	2	PCE
357	E-R-0405-7033	0343471300	RES CH 1/10W 470 J 0603	R450,R656,R980	3	PCE
358	E-R-0405-7031	0343472300	RES CH 1/10W 4.7K J 0603	R276,R284,R286,R433,R434	5	PCE
359	E-R-0405-7035	0343473300	RES CH 1/10W 47K J 0603	R285,R287,R408	3	PCE
360	E-R-0405-6691	0343562300	RES CH 1/10W 5.6K J 0603	R252,R255	2	PCE
361	#N/A	0343681300	RES CH 1/10W 680 J 0603	R429,R430	2	PCE
362	#N/A	0343684300	RES CH 1/10W 680K J 0603	R956	1	PCE
363	#N/A	0343750100	RES CH 1/8W 75 J 0805	R601,R602,R603,R624,R625, R626	6	PCE
364	E-R-0405-7147	0619900105	RES ARRAY 1/16W 100 J 8P4R 1206	RP417	1	PCE
365	#N/A	0619900112	RES ARRAY 1/16W 100 J 8P4R 1206	RP417	0	PCE
366	#N/A	0619900705	RES ARRAY 1/16W 10K J 8P4R 1206	RP414,RP415,RP416,RP419, RP420	5	PCE
367	#N/A	0619900712	RES ARRAY 1/16W 10K J 8P4R 1206	RP414,RP415,RP416,RP419, RP420	0	PCE

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty	Unit
368	#N/A	0619901105	RES ARRAY 1/16W 33 J 8P4R 1206	RP401,RP402,RP403,RP404, RP405,RP406,RP407,RP408, RP409,RP410,RP411,RP412, RP413	13	PCE
369	#N/A	0619901112	RES ARRAY 1/16W 33 J 8P4R 1206	RP401,RP402,RP403,RP404, RP405,RP406,RP407,RP408, RP409,RP410,RP411,RP412, RP413	0	PCE
370	#N/A	0730060412	CRYSTAL 14.318MHZ 30PPM 30PF 49US	X401	1	PCE
371	M-LCD-0826-0129	0730180212	CRYSTAL 24MHZ 30PPM 30PF 49US	X951	1	PCE
372	#N/A	0841110802	FUSE F/P 5A 125V UL CSA	F251	1	PCE
373	E-C-0404-5322	149024701208	CAP AL CP 6.3V 47U M 5*5.5	C267,C278,C401,C411,C424, C433,C441,C449,C457,C477, C960,C982	12	PCE
374	#N/A	149024701233	CAP AL CP 6.3V 47U M 5*5.4	C267,C278,C401,C411,C424, C433,C441,C449,C457,C477, C960,C982	0	PCE
375	#N/A	149101021533	CAP AL CP 10V 1KU M 10*10	C261,C262,C263	3	PCE
376	#N/A	149121001108	CAP AL CP 16V 10U M 4*5.5	C961,C962,C968,C980	4	PCE
377	#N/A	149121001133	CAP AL CP 16V 10U M 4*5.4	C961,C962,C968,C980	0	PCE
378	#N/A	149122211333	CAP AL CP 16V 220U M 6.3*7.7	C279,C972,C974,C976,C978	5	PCE
379	#N/A	149124717403	CAP AL CP 16V 470U M 10*10	C984	1	PCE
380	#N/A	149144701433	CAP AL CP 25V 47U M 8*5.4	C264	1	PCE
381	#N/A	149144711533	CAP AL CP 25V 470U M 10*10	C260,C281	2	PCE
382	#N/A	149151011333	CAP AL CP 35V 100U M 6.3*7.7	C276	1	PCE
383	E-C-0404-4878	1511514000	CAP MC CP 50V 22P J C0G 0603	C422,C423,C601,C602,C604, C607	6	PCE
384	#N/A	1511518000	CAP MC CP 50V 33P J C0G 0603	C970,C971	2	PCE
385	E-C-0404-4876	1512445000	CAP MC CP 50V 1KP K X7R 0603	C255,C257,C258	3	PCE
386	#N/A	1517654000	CAP MC CP 50V .01U Z Y5V 0603	C254,C627,C628,C629,C630, C631,C632,C633,C951,C952, C953,C954,C957,C963,C964, C965,C966,C967	18	PCE
387	E-C-0404-4497	1517658000	CAP MC CP 50V .1U Z Y5V 0603	C251,C259,C266,C268,C275, C277,C280,C283,C284,C402, C403,C404,C405,C406,C407, C408,C409,C410,C412,C413, C414,C415,C416,C417,C418, C419,C420,C421,C425,C426, C427,C428,C429,C430,C431, C432,C434,C435,C436,C437, C438,C439,C442,C443,C444, C445,C446,C447,C448,C450, C451,C452,C453,C454,C455, C456,C458,C459,C460,C461, C462,C463,C464,C465,C466, C467,C468,C469,C470,C471, C472,C473,C474,C475,C476, C478,C609,C610,C618,C620, C621,C622,C623,C624,C625, C955,C956,C958,C959,C969, C973,C975,C977,C979,C981, C983	96	PCE
388	#N/A	1557667100	CAP MC CP 25V 1U Z Y5V 0805	C252,C253,C274,C286	4	PCE
389	#N/A	15A7667000	CAP MC CP 10V 1U Z Y5V 0603	C270,C273,C282,C603,C608	5	PCE
390	E-C-0405-4321	15A7691100	CAP MC CP 10V 10U Z Y5V 0805	C440,C611,C612,C613,C614, C615,C616,C626	8	PCE
391	E-D-0403-2129	202351080023	DIO SBD 3A 40V DO-201AD	D251	0	PCE
392	E-D-0403-2139	202351080105	DIO SBD 3A 40V DO-201AD	D251	1	PCE
393	#N/A	202351580023	DIO SBD 5A 40V DO-201AD	D252	1	PCE
394	#N/A	203812540231	DIO ZEN 0.5W 4.94-5.20V MINIMELF	D253,D254,D602,D605,D606, D608	6	PCE
395	#N/A	203812540236	DIO ZEN 0.5W 4.94-5.20V LLDS(MINIMELF)	D253,D254,D602,D605,D606, D608	0	PCE
396	#N/A	204520700205	DIO SW 0.215A 70V SOT-23 SE.	D401,D402,D403,D404,D405, D603,D604,D610,D611,D612, D613,D614,D615,D616,D619	0	PCE
397	E-D-0403-2049	204520700207	DIO SW 0.215A 75V SOT-23 SE.	D401,D402,D403,D404,D405, D603,D604,D610,D611,D612, D613,D614,D615,D616,D619	15	PCE
398	#N/A	204520700305	DIO SW 0.2A 70V SOT-23 C.C.	D601,D607	0	PCE
399	E-D-0403-2135	204520700307	DIO SW 0.215A 75V SOT-23	D601,D607	2	PCE
400	#N/A	205800530131	DIO SI 1A 50V DO-213AB(MELF)	D255,D256	2	PCE
401	E-Q-0402-1087	210522000405	TR 40V 0.2A SOT-23 100-300	Q252,Q260,Q262,Q263,Q403, Q404	0	PCE
402	#N/A	210522000407	TR 40V 0.2A SOT-23 100-300	Q252,Q260,Q262,Q263,Q403, Q404	6	PCE
403	E-Q-0402-7019	210522000505	TR 40V 0.6A SOT-23 80	Q253,Q256	0	PCE
404	#N/A	210522000507	TR 40V 0.6A SOT-23 80	Q253,Q256	2	PCE

Item	ViewSonic P/N	Ref. P/N	Description	Location	Q'ty	Unit
405	#N/A	211522000205	TR -40V -0.2A SOT-23 100-300	Q401,Q402	0	PCE
406	#N/A	211522000207	TR -40V -0.1A SOT-23 100-300	Q401,Q402	2	PCE
407	E-Q-0402-7018	211522000405	TR -40V -0.6A SOT-23 100	Q254,Q257	0	PCE
408	#N/A	211522000407	TR -40V -0.6A SOT-23 100	Q254,Q257	2	PCE
409	#N/A	243502600010	FET -55V -11A 0.175ohm TO-252AA	Q255,Q258	2	PCE
410	#N/A	243601000310	FET -30V -5.8A 0.045ohm SO-8	Q251,Q259	0	PCE
411	#N/A	243601000317	FET -30V -5.3A 0.05OHM LL SOIC-8	Q251,Q259	2	PCE
412	#N/A	243601000331	FET -30V -5.1A 0.055OHM LL SO-8	Q251,Q259	0	PCE
413	E-IC-0401-2925	2500058010	IC REGU LDO 0.8A 3.3V SOT-223	IC956	1	PCE
414	#N/A	2500058037	IC REGU LDO 0.8A 3.3V SOT-223	IC956	0	PCE
415	#N/A	2500058910	IC REGU 1.8V 0.8A SOT-223	IC955	1	PCE
416	#N/A	2500058937	IC REGU 1.8V 0.8A SOT-223-3P	IC955	0	PCE
417	#N/A	2500082637	IC REGU LDO 2.5V 5A TO-252	IC256	1	PCE
418	#N/A	2500082837	IC REGU LDO 3.3V 5A TO-252	IC252	1	PCE
419	E-IC-0401-2927	2500088636	IC VOL DETECTOR 4.4V SOT-23	IC402	1	PCE
420	#N/A	2500161537	IC REGU LDO 1.8V 5A TO-263	IC253	1	PCE
421	#N/A	2510019129	IC PWM SOP-16P	IC251	1	PCE
422	#N/A	2530235227	IC IMAGE PROCESSOR PBGA-416B	IC401	1	PCE
423	#N/A	2540279103	IC DUAL USB HIGH-SIDE POWER SW SO-8P	IC952,IC953	2	PCE
424	#N/A	2540368447	IC 4Ps USB 2.0 HUB CTL TQFP-64P	IC951	1	PCE
425	#N/A	2600100353	IC TRIPLE 2:1 MULTIPLEXERS TSSOP-24P	IC607	1	PCE
426	E-IC-0450-0050	2610015107	IC 2 CHANNEL ANALOGUE SO16	IC602,IC603,IC606	3	PCE
427	E-IC-0401-2942	2610049742	IC CMOS 2K EEPROM SOIC-8P	IC601,IC604,IC605,IC954	4	PCE
428	#N/A	2610473212	IC F-MEM 4M(512K*8) 2.7V 70nS PLCC-32P	IC405	0	PCE
429	#N/A	2610473222	IC F-MEM 4M(512K*8) 3V TOP 70nS PLCC-32P	IC405	0	PCE
430	#N/A	2610473223	IC F-MEM 4M 3V TOP 70nS PLCC-32P	IC405	1	PCE
431	#N/A	2610487342	IC EEPROM 32K SO-8P 150MIL	IC403	1	PCE
432	#N/A	2610487612	IC EEPROM 32K SOIC-8PIN	IC403	0	PCE
433	#N/A	2610578017	IC DDR SDRAM 1M*32*4B 300MHZ FBGA-144B	IC404	1	PCE
434	#N/A	2610578514	IC DDR SDRAM 1M*32*4B 300MHZ FBGA-144B	IC404	0	PCE
435	#N/A	2816706700	INDUCTOR SMT 22UH M SMD	L253	1	PCE
436	#N/A	2816706710	INDUCTOR SMT 22UH M	L253	0	PCE
437	#N/A	2816721510	INDUCTOR SMT 10UH K	L252,L254	2	PCE
438	#N/A	2816721580	INDUCTOR CD 10UH K SMD	L252,L254	0	PCE
439	#N/A	2816727410	INDUCTOR SMT 22UH M 3.6A	L251	1	PCE
440	#N/A	2816727480	INDUCTOR SMT 22UH M 3.6A	L251	0	PCE
441	E-L-0408-1518	2921113212	BEAD CH 100MHZ 120 OHM 4A 1206	FB251,FB252,FB253,FB254, FB255,FB256,FB257,FB258, FB259,FB260,FB261,FB262, FB951,FB952,FB953,FB954, FB955,FB956,FB957,FB958, FB959	21	PCE
442	#N/A	2970049201	PWB M0 L6 E0.5/I1 FR-4 170*119*1.6(I/F B		1	PCE
443	#N/A	3000750265	SWITCH ROLL BALL 4P P2.54		1	PCE
444	#N/A	3020016000	PLCCIC SOCKET PPS 94V0 PB		1	PCE
445	#N/A	3070337534	HEADER NY66 94V0 7P P2.0 R BROWN		1	PCE
446	#N/A	3071400334	HEADER NY66 94V0 4P P2.5 R		1	PCE
447	#N/A	3072214457	CONN USB STACKED R-A DIP A TYPE		2	PCE
448	#N/A	3072241500	CONN USB PB DOUBLE A TYPE		0	PCE
449	#N/A	3072241600	CONN USB PB B TYPE		0	PCE
450	#N/A	3072253457	CONN USB B TYPE R		1	PCE
451	#N/A	3075308757	CONN D-SUB 15P R/A PC99 W/O SCREW		1	PCE
452	#N/A	3075316343	CONN DVI-D 29P P1.905 R		0	PCE
453	#N/A	3075316357	CONN DVI-I 29P P1.905 R		1	PCE
454	#N/A	3075316367	CONN DVI-I 29P P1.905 R		0	PCE
455	#N/A	3075353143	CONN D-SUB FEMALE 15P P2.29 BLUE		0	PCE
456	#N/A	3075415866	CONN FFC/FPC BOTTOM 8P P1.0 SMT		1	PCE
457	#N/A	3076151134	PIN HEADER PBT 94V-0 2*6P P2.0 R		1	PCE
458	#N/A	3076151434	PIN HEADER PBT 94V0 2*15P P2.0 R		1	PCE
459	M-LB-0813-0913	3202005900	LABEL SERIAL 42*11 SONY		1	PCE
460	M-LB-0813-0914	3202009100	LABEL REISTRATION 40*16		1	PCE
461	M-LB-0813-0915	3202215900	LABEL MCU 11*11 POLYESTER 50#		0.125	PCE

8. Exploded Diagram and Spare Parts List



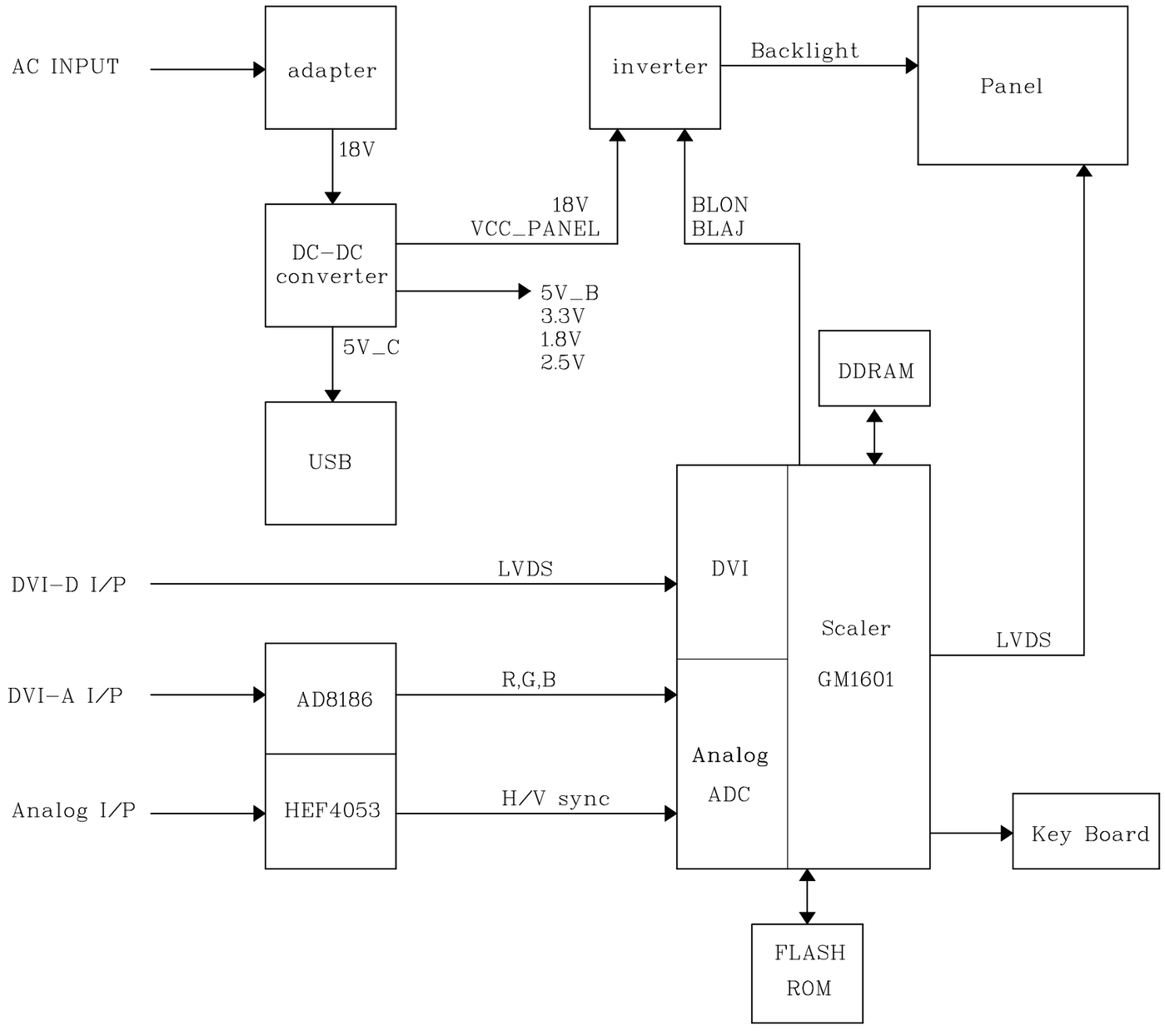
EXPLODED PARTS LIST (VP201s-1)

ViewSonic Model Number: VLCDS26064-4W
Rev: 1c

Item	ViewSonic P/N	Ref. P/N	Description	Q'ty
1	C-00002549	3361500700	F/B ABS SILVER VP201S S0LFA1AT	1
2	M-MS-0808-8556	3200649100	NAME PLATE VSC 3-BIRD LOGO	1
3	E-00002545	5052000402	LCD 20.1" TFT LVDS UXGA	1
4	HW-00002550	3460213800	PANEL SECC 433.4*171.3*8.1 T.8	1
5	A-00001842	4900210180	POWER SUPPLY 60W 18V 3.33A	1
6	B-00002542	5600110420	PWB ASSY I/F BD L20DBR 05DAB	1
7	M-MS-0808-8561	3460146100	BRACKET VESA SECC 110*20 T1	1
8	C-BC-0302-0627	3360255300	CABINET BACK ABS 41 SOLRA1AT	1
9	M-CV-0830-2462	3361207800	COVER BASE ABS 41 S8LBB1LS	1
10	M-MS-0808-8758	3200651100	NAME PLATE VIEWSONIC ABS 41 82.83*34.98	1
11	M-CV-0830-2458	3361207400	COVER VESA ABS 41S8LBB1LS	1
12	M-CV-0830-2463	3361207900	COVER HINGE1 ABS 41 S8LBB1LS	1
13	M-CV-0830-2464	3361208001	COVER HINGE ABS 41 S8LRB1LS	1
14	M-CV-0830-2461	3361207700	COVER STAND REAR ABS 41 S8LBB1LS	1
15	M-MS-0808-8639	3461752201	HINGE SECC 312.5*51.82 L20CBW05ABB	1
16	M-WR-0828-0739	3470308700	WIRE SADDLE NYLON66 94V2 41	3
17	M-CV-0830-2472	3360245300	COVER BOTTOM ABS 41 S0LBA1AT	1
18	M-MS-0808-8632	3460150703	BRACKET BASE2 SECC 173*190.4 T2 VP201	1
19	M-MS-0808-8635	3460151002	BRACKET BASE3 SECC 173*190.4 T2 VP201	1
20	M-MS-0808-8636	3460151102	BRACKET BASE1 SECC 173*190.4 T2 VP201	1
21	PL-PD-0714-0101	3240968900	RUBBER PAD 20*20 T3 BLK	1
22	PL-PD-0714-0100	3240957000	RUBBER PAD OD20 T4 BLACK	1
23	M-MS-0808-8633	3460150801	BRACKET BASE FOOT1	1
24	M-MS-0808-8634	3460150902	BRACKET BASE FOOT2	1
25	M-CV-0830-2459	3361207500	COVER STAND FRONT ABS 41 S8LBB1LS	1
26	M-MS-0808-8563	3460146300	BRACKET KEYLOCK	1
27	HW-00001848	3461226501	SHIELD CAN INV SPTH	1
28	HW-00001849	3461256200	SHIELD CAN SPTH	1
29	B-00001843	4900506980	DC-AC INVERTER FOR L20DBR	1
30	M-MS-0808-8627	3241127400	INSULATOR PC 231*13 T.5	1
31	M-SW-0815-0224	3000725101	SWITCH MEMBRANCE PET	1
32	PL-NB-0707-1075	3360627100	POWER KNOB POM 901U 5140 S8LFB1LS	1
33	M-MS-0808-8559	3360506800	LED LENS	1
34	M-MS-0808-8630	3460150100	BRACKET PANEL SIDE-R	1
	M-MS-0808-8631	3460150200	BRACKET PANEL SIDE-L	1

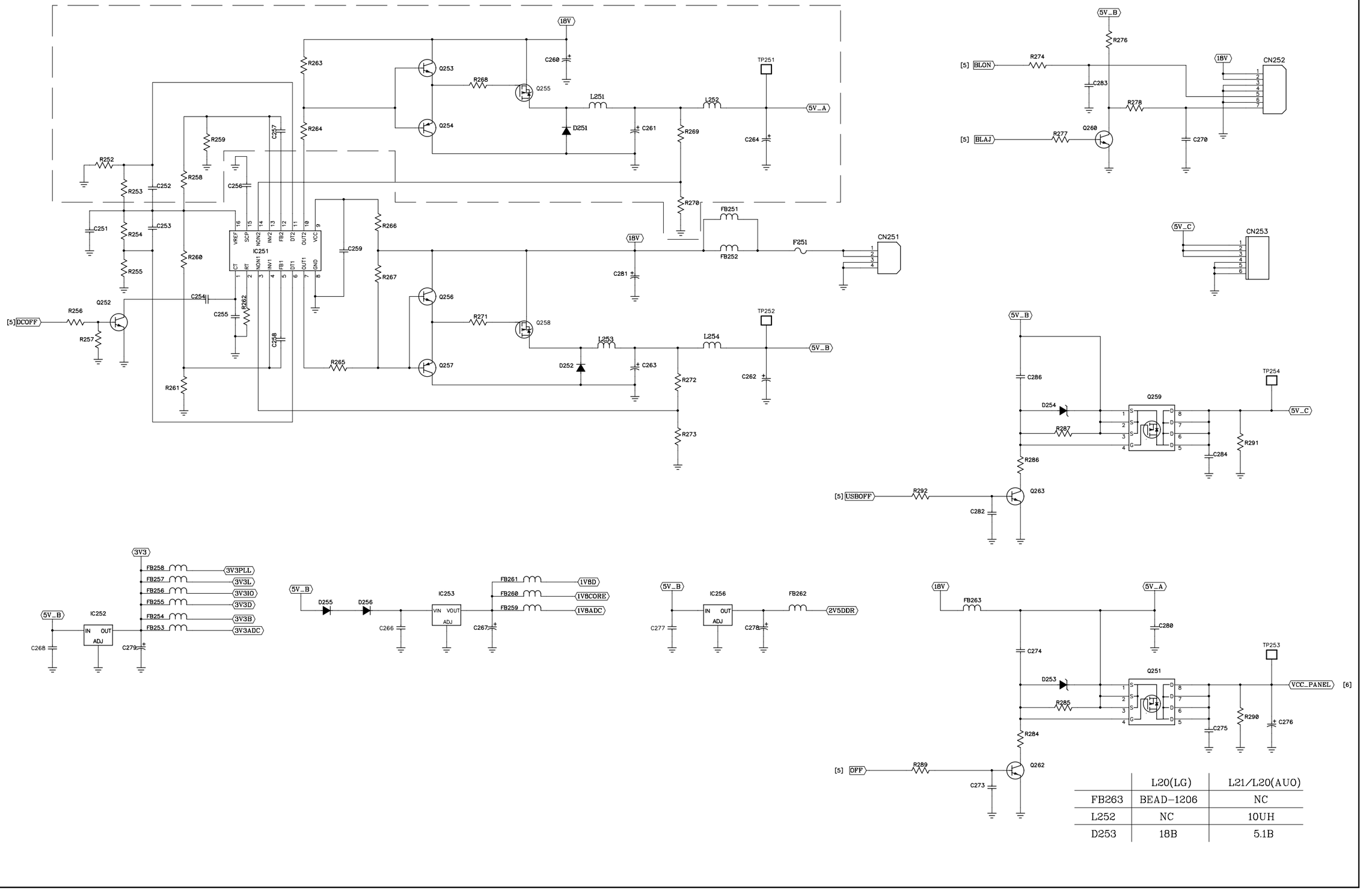
9. Block Diagram

L20DBR 05DAB/L21CBW 05AAB LCD MONITOR BLOCK DIAGRAM



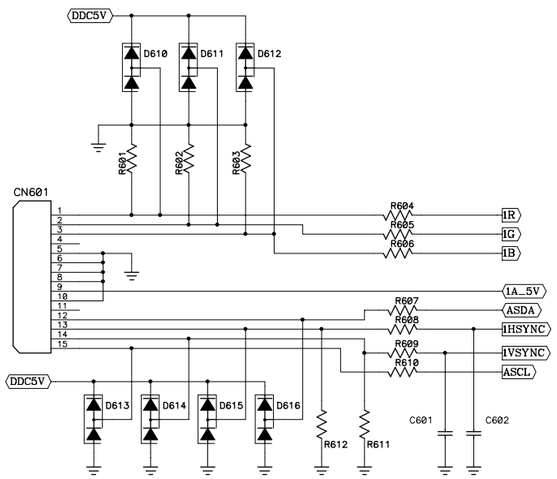
10. Schematic Diagrams

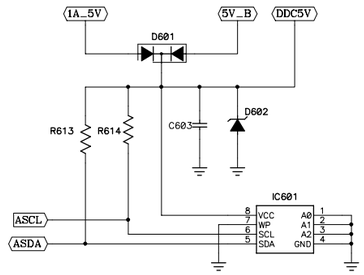
Power Board

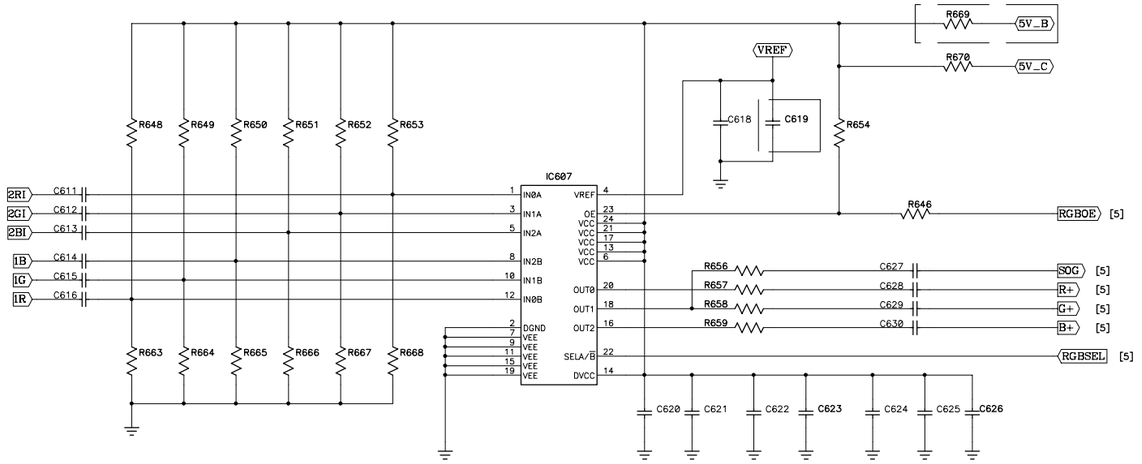


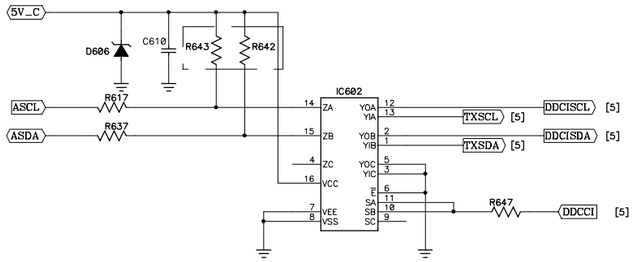
	L20(LG)	L21/L20(AUO)
FB263	BEAD-1206	NC
L252	NC	10UH
D253	18B	5.1B

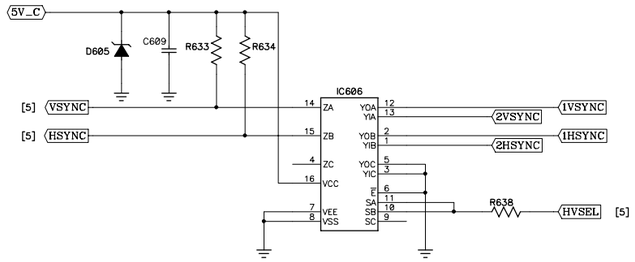
Main Board

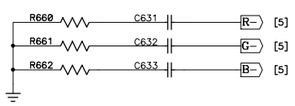








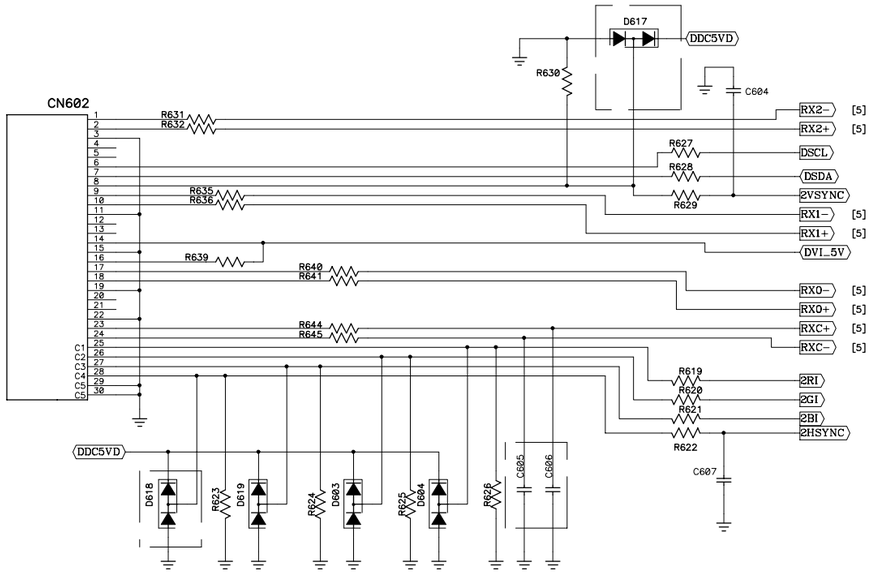


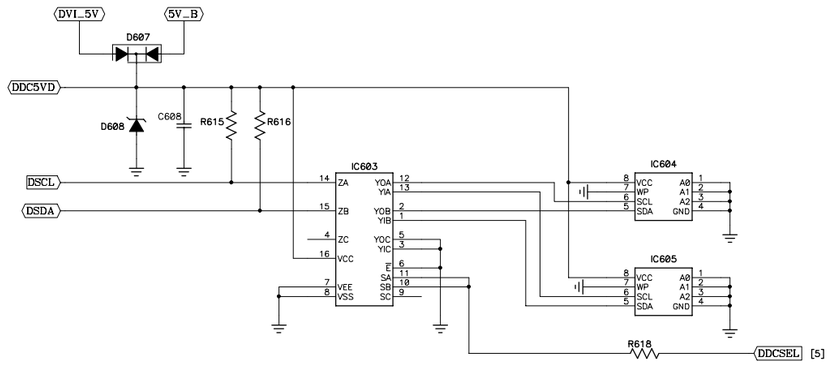


RGBSEL	RGBOE	OUT
0	0	HIGH Z
1	0	HIGH Z
1	1	DVI-A
0	1	D-SUB

DDCCI	
0	DDCI2C
1	TX,RX

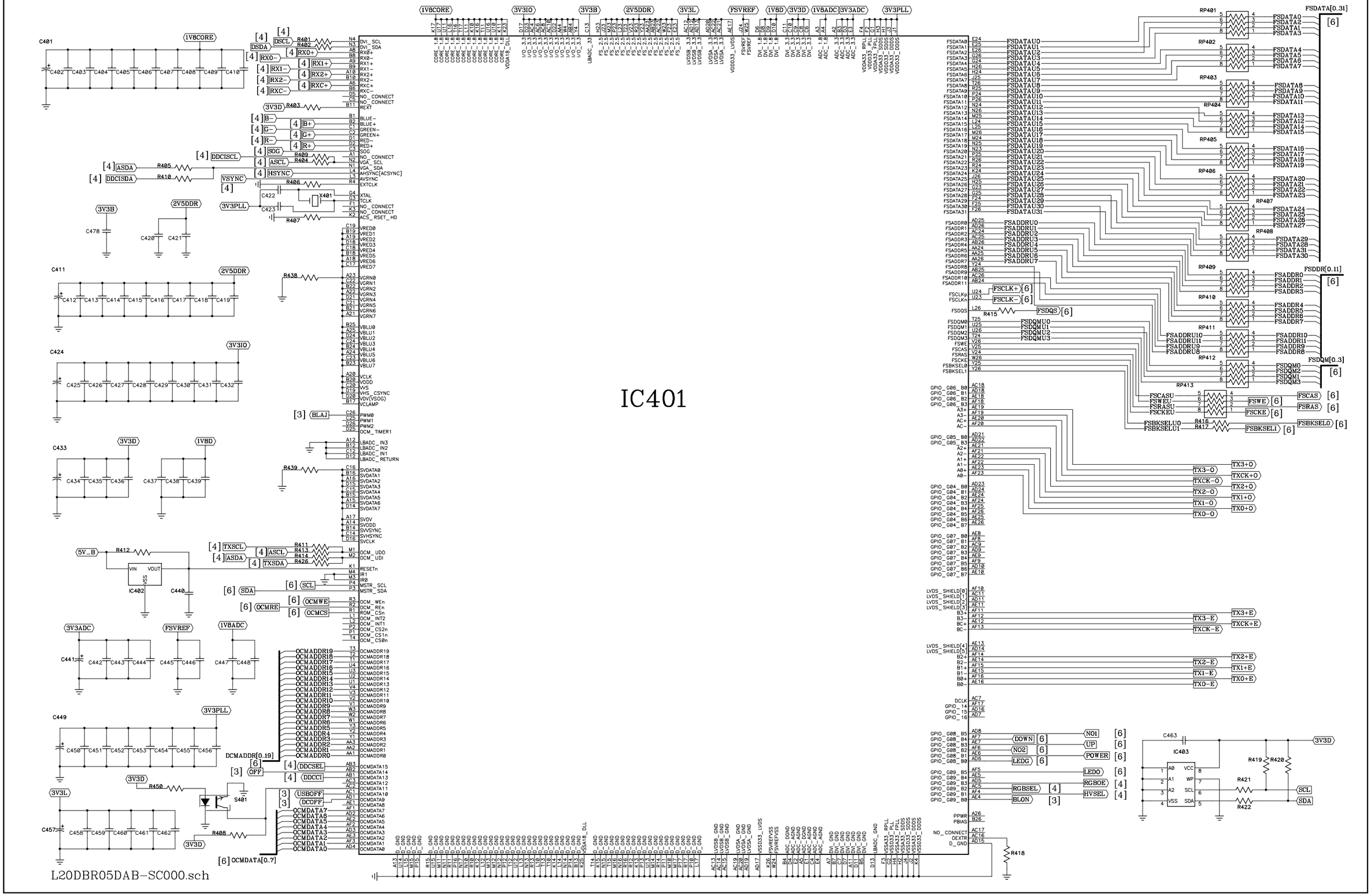
HVSEL	DESC
1	DVI-A H/V SYNC
0	D-SUB H/V SYNC



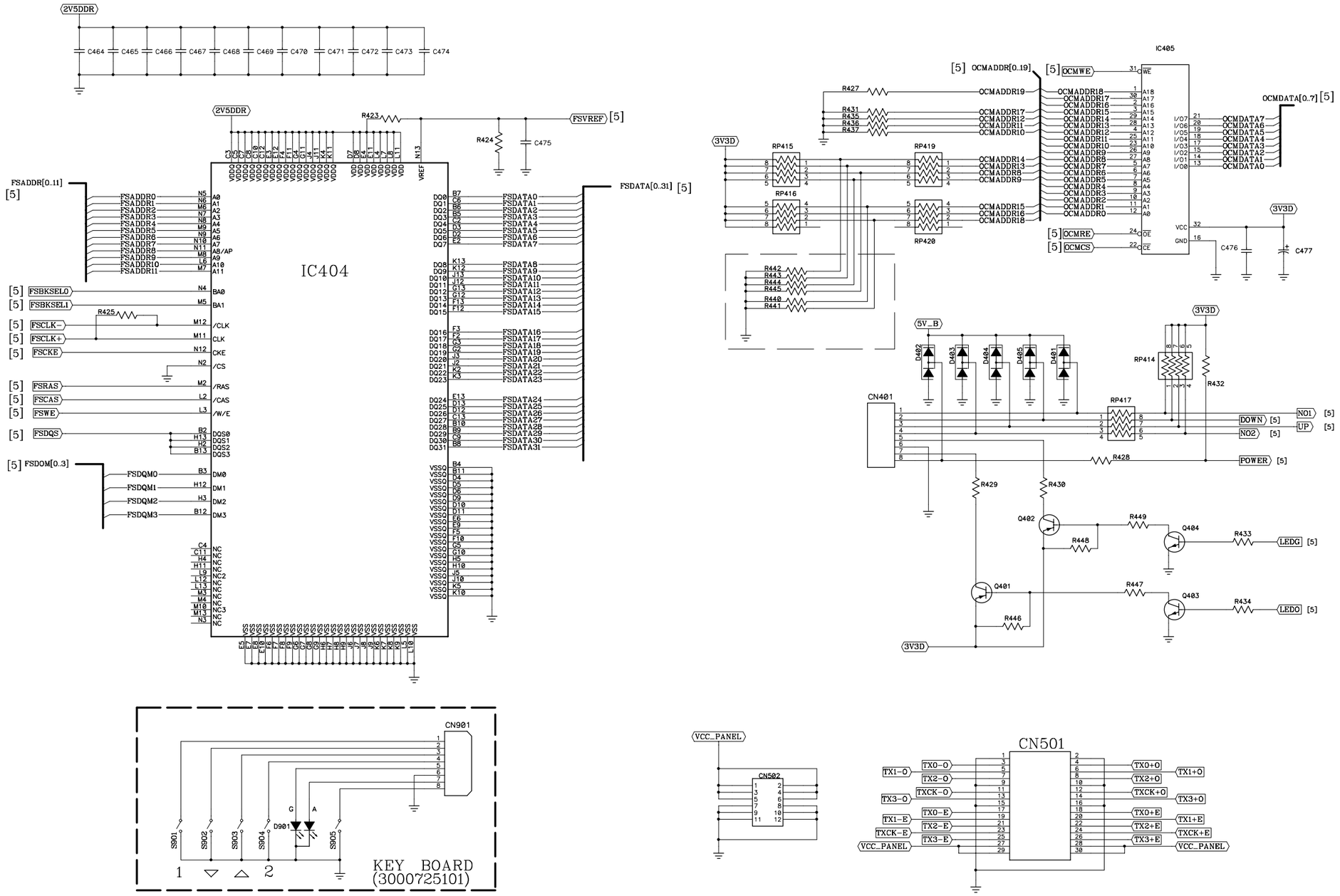


I/P		
E	Sn	Channl on
L	L	Y0n-Zn
L	H	Y1n-Zn
H	X	none

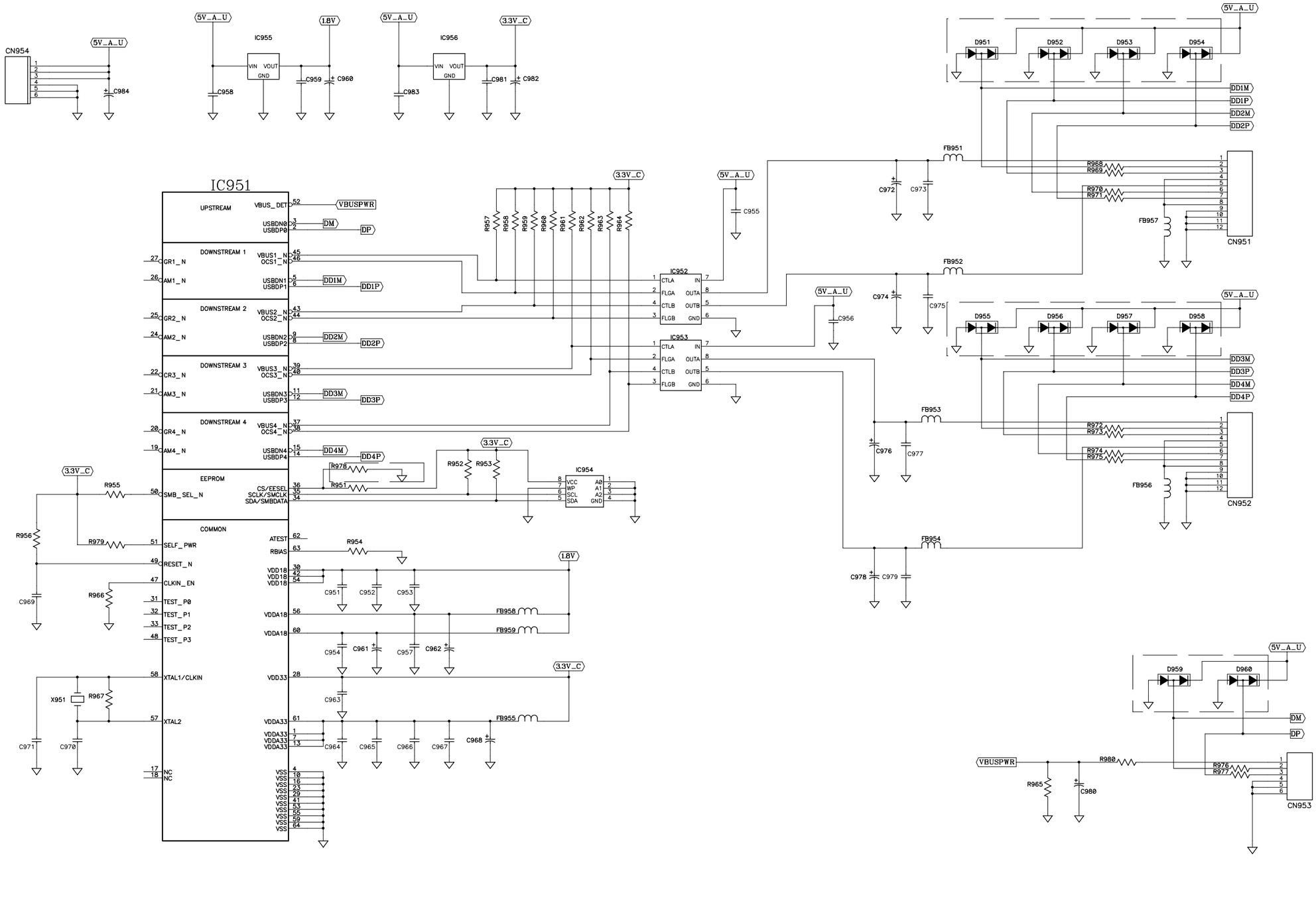
DDCSEL	DESC
1	DVI-I analog DDC IC
0	DVI-I digital DDC IC


IC401
L20DBR05DAB-SC000.sch

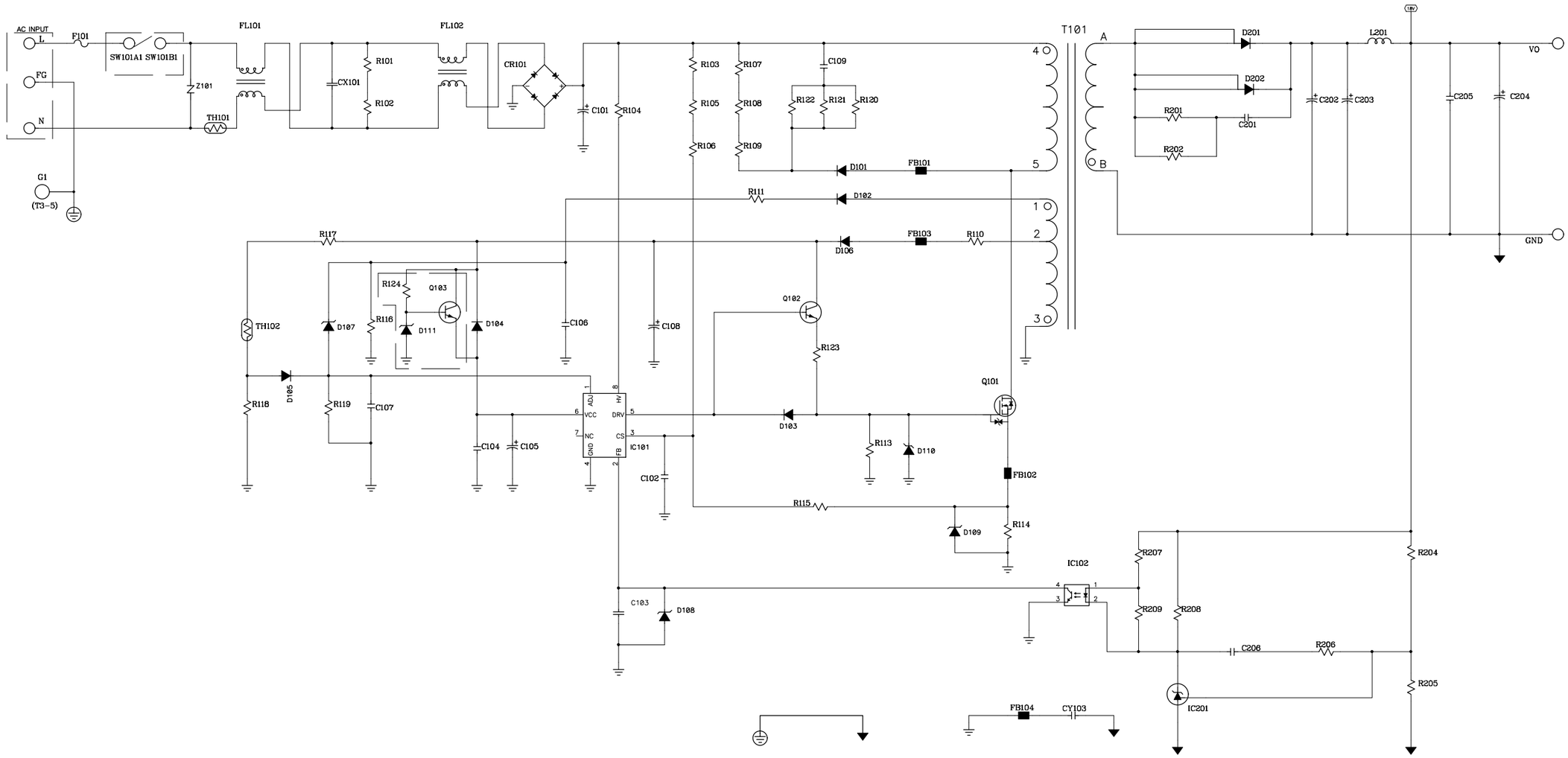
Main / Key Board



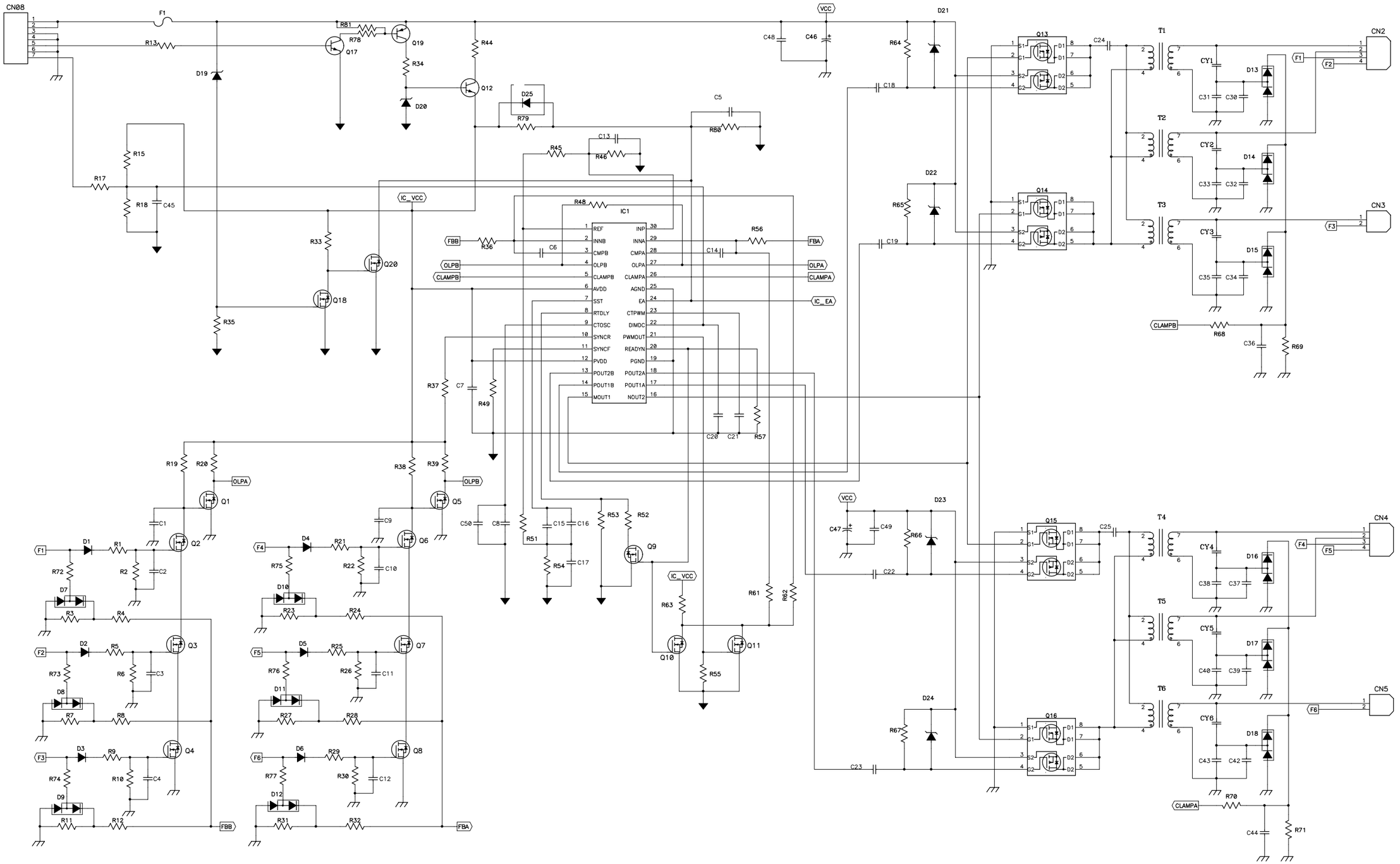
DVI Board


CN954
5V_A_U
C984
IC955
VIN VOUT GND
C958
C959
C960
1.8V
IC956
C983
C981
C982
3.3V_C
IC951
UPSTREAM
VBUS_DET
VBUSPWR
USBDN0
USBDP0
DM
DP
DOWNSTREAM 1
VBUS1_N
OCS1_N
GR1_N
AM1_N
USBDN1
USBDP1
DD1M
DD1P
DOWNSTREAM 2
VBUS2_N
OCS2_N
GR2_N
AM2_N
USBDN2
USBDP2
DD2M
DD2P
DOWNSTREAM 3
VBUS3_N
OCS3_N
GR3_N
AM3_N
USBDN3
USBDP3
DD3M
DD3P
DOWNSTREAM 4
VBUS4_N
OCS4_N
GR4_N
AM4_N
USBDN4
USBDP4
DD4M
DD4P
EEPROM
SMB_SEL_N
CS/EESEL
SCLK/SMCLK
SDA/SMBDATA
IC954
VCC WP SCL SDA
A0 A1 A2 GND
COMMON
SELF_PWR
RESET_N
CLKIN_EN
TEST_P0
TEST_P1
TEST_P2
TEST_P3
ATEST
RBIAS
XTAL1/CLKIN
XTAL2
NC
VDD18
VDDA18
VDD33
VDDA33
VSS
X951
R957 R958 R959 R960 R961 R962 R963 R964
R955 R956 R979 R966 R967 R969 R978 R951 R952 R953 R954
C969 C971 C970 C951 C952 C953 C954 C961 C957 C962 C963 C964 C965 C966 C967 C968
FB958 FB959 FB955
IC952
IC953
CTLA FLGA CTLB FLGB
IN OUTA OUTB GND
C955 C956
D951 D952 D953 D954
D955 D956 D957 D958
D959 D960
FB951 FB952 FB953 FB954
C972 C973 C974 C975 C976 C977 C978 C979
R968 R969 R970 R971 R972 R973 R974 R975
FB957 FB956
CN951 CN952
R980 R976 R977 R965 C980
CN953

Power Board

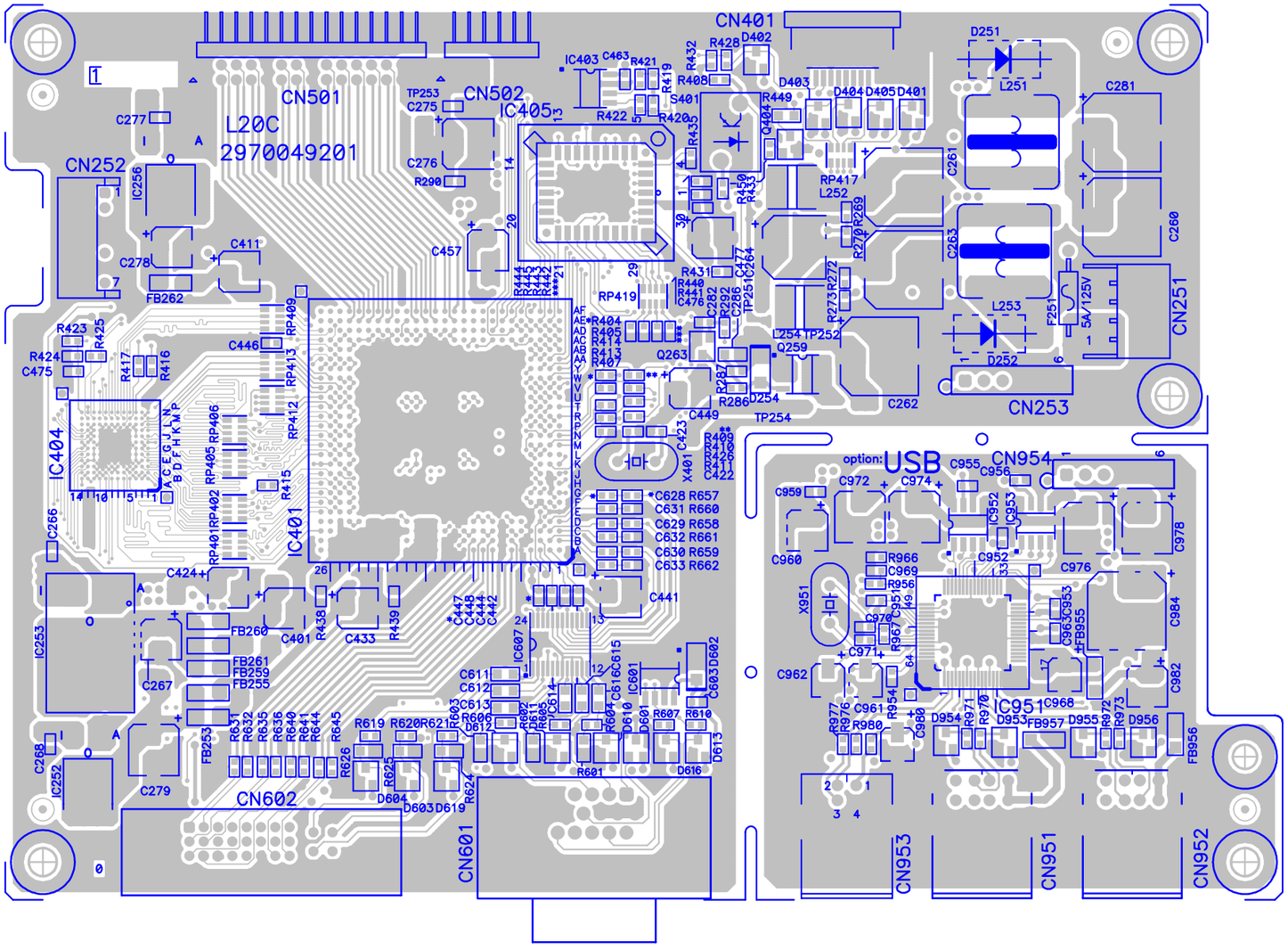

AC INPUT
L
FG
N
F101
SW101A1 SW101B1
Z101
TH101
FL101
FL102
CX101
R101
R102
CR101
C101
R104
R103
R105
R106
R107
R108
R109
C109
R122
R121
R120
D101
FB101
T101
A
B
4
5
1
2
3
D201
D202
R201
R202
C201
L201
C202
C203
C205
C204
V0
GND
G1
(T3-5)
R111
D102
R117
FB103
R110
D106
TH102
D107
R116
D111
R124
Q103
D104
C106
C108
Q102
R123
Q101
D105
R118
R119
C107
C104
C105
IC101
ADJ
VCC
NC
GND
HV
DRV
CS
FB
D103
R113
D110
C102
FB102
R115
D109
R114
IC102
C103
D108
R207
R209
R208
R204
R205
C206
R206
IC201
FB104
CY103

Inverter Board

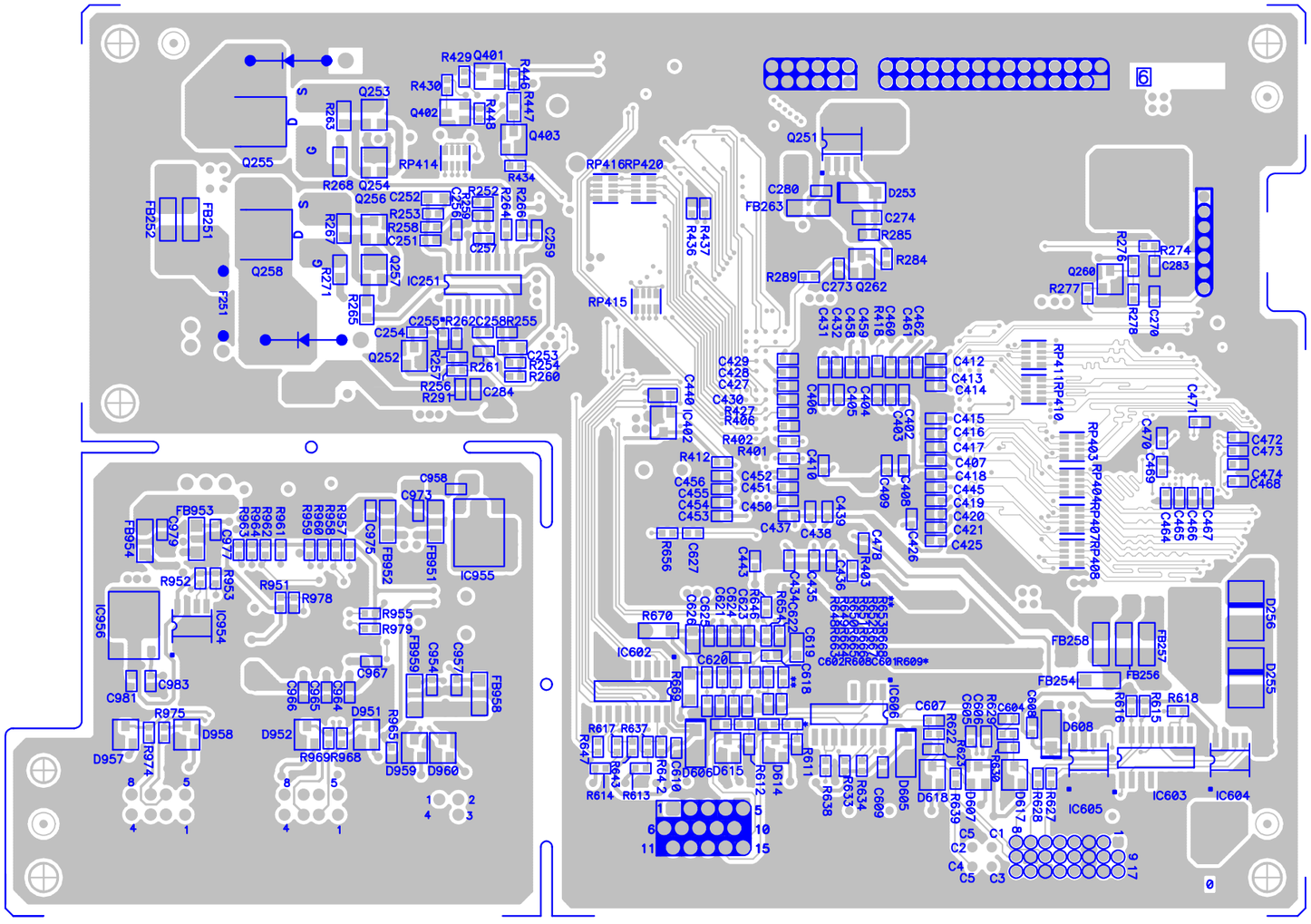


11. PCB Layout Diagrams

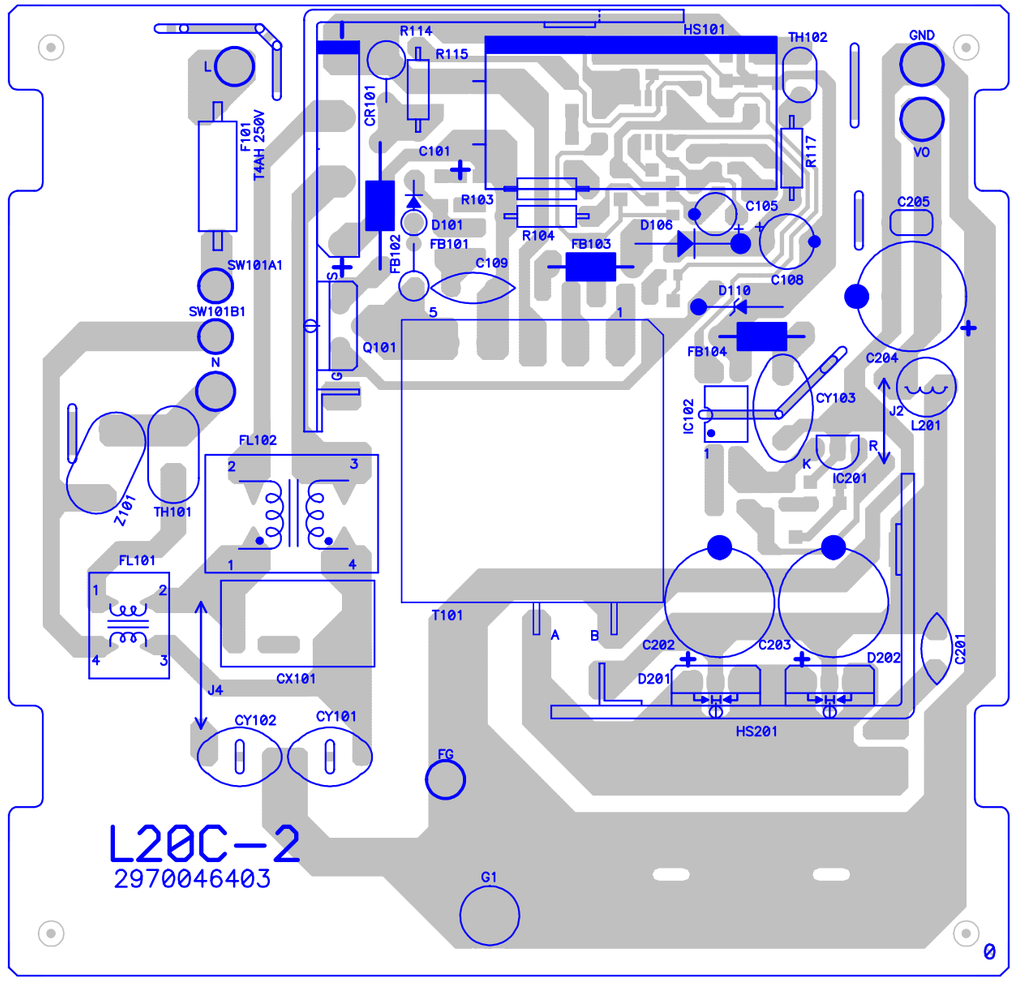
Main Board



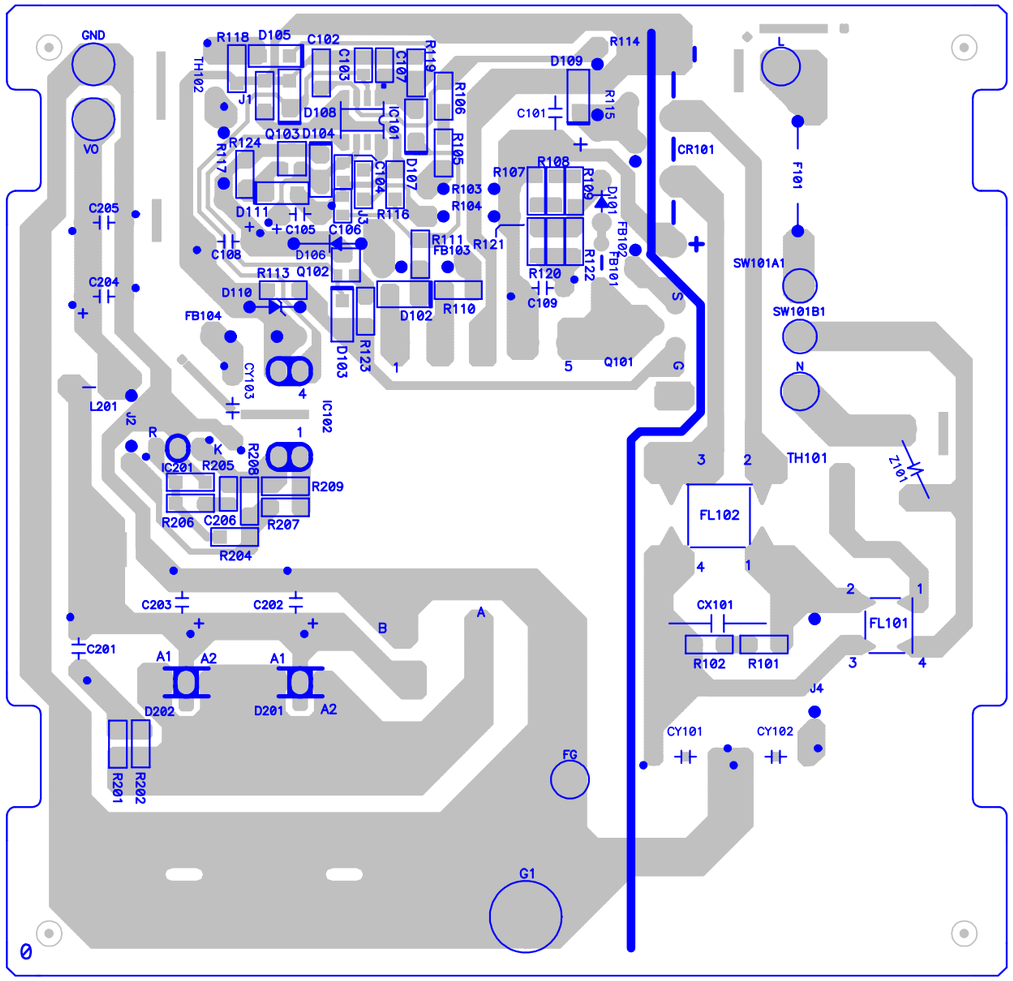
Main Board (Bottom)



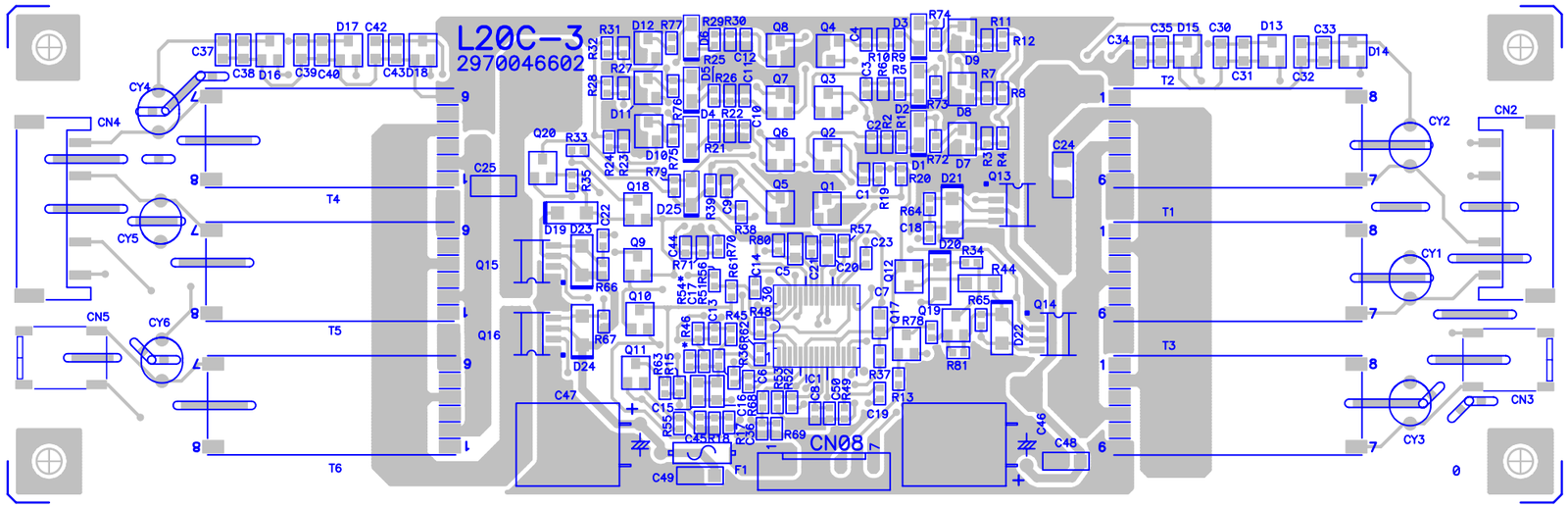
Power Board


L
F101
T4AH 250V
SW101A1
SW101B1
N
R114
R115
CR101
C101
D101
FB101
FB102
R103
R104
C109
5
Q101
HS101
TH102
GND
VO
R117
C105
D106
FB103
C108
C205
D110
FB104
C204
CY103
J2
L201
IC102
1
K
R
IC201
FL102
2
3
1
4
Z101
TH101
FL101
1
2
4
3
J4
CX101
CY102
CY101
T101
A
B
C202
C203
D202
D201
C201
HS201
FG
G1
L20C-2
2970046403
0

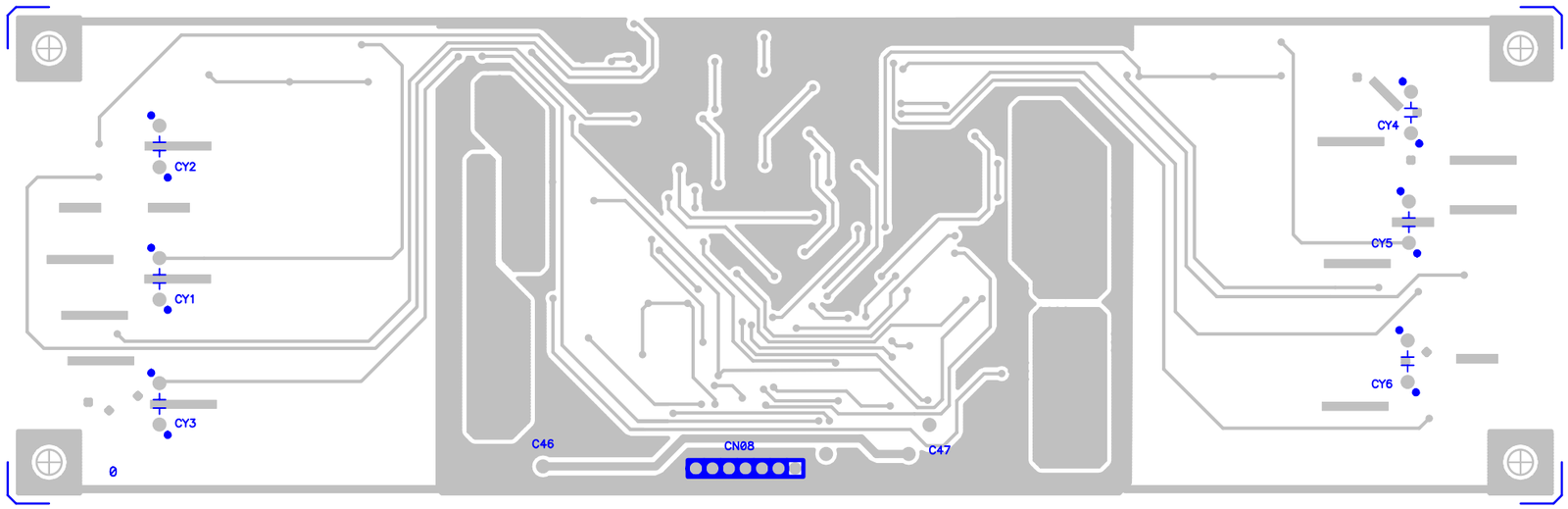
Power Board (Bottom)



Inverter Board



Inverter Board (Bottom)



Reader's Response

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Thank you in advance for your feedback on our Service Manual, which allows continuous improvement of our products. We would appreciate your completion of the Assessment Matrix below, for return to ViewSonic Corporation.

Assessment

A. What do you think about the content of this Service Manual?

Unit	*Excellent*	*Good*	*Fair*	*Bad*
1. Precautions and Safety Notices				
2. Specification				
3. Front Panel Function Control Description				
4. Circuit Description				
5. Adjustment Procedure				
6. Troubleshooting Flow Chart				
7. Recommended Spare Parts List				
8. Exploded Diagram and Exploded Parts List				
9. Block Diagram				
10. Schematic Diagrams				
11. PCB Layout Diagrams				

B. Are you satisfied with this Service Manual?

Item	*Excellent*	*Good*	*Fair*	*Bad*
1. Service Manual Content				
2. Service Manual Layout				
3. The form and listing				

C. Do you have any other opinions or suggestions regarding this service manual?

Reader's basic data:

Name:		Title:	
Company:			
Add.:			
Tel:		Fax:	
E-mail:			

After completing this form, please return it to ViewSonic Quality Assurance in the USA at facsimile 1-909-839-7943. You may also e-mail any suggestions to the Director, Quality Systems & Processes (marc.maupin@viewsonic.com)